



“The College of American Pathologists is our laboratory’s avenue to achieve quality. It offers us a complete range of proficiency testing specimens to validate and ensure quality test results and to assess our ability to meet and exceed federal regulatory standards.”

Jo Ann Cavanaugh  
Elmhurst Memorial Healthcare  
Elmhurst, Illinois

# Analyte/Procedure Index

The following Analyte/Procedure Index is a comprehensive listing of analytes and corresponding CAP program options.

Analytes/procedures **in bold type** whose corresponding program codes are **bold** are regulated for proficiency testing by the Centers for Medicare & Medicaid Services (CMS).

Laboratories must perform five challenges three times per year (as noted by boldface) for analytes that are regulated by the CMS.

The **X** in the LAP ENR column denotes the CAP programs that can be used to fulfill the proficiency testing enrollment requirements for CAP-accredited laboratories. Refer to the program description in this catalog to determine compatibility with your specific methodologies.

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Analyte/Procedure Index

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
1,5-anhydroglucitol	AG	1,5-Anhydroglucitol	72	17-ketosteroids	N/NX	Urine Chemistry, Special	70
1,25 dihydroxy Vitamin D	BMV1	Bone Markers and Vitamins	88	25-OH Vitamin D	X ABVD	Accuracy-Based Vitamin D	87
3-methoxytyramines	N/NX	Urine Chemistry, Special	70		LN40	Vitamin D Cal Ver/Lin	133
4-hydroxytriazolam	DFC	Drug-Facilitated Crime	109		X VITD	25-OH Vitamin D	86
5-hydroxyindoleacetic acid, qualitative	N/NX	Urine Chemistry, Special	70	50:50 mixing study, APTT	CGE/CGEX	Coagulation, Extended	163
5-hydroxyindoleacetic acid, quantitative	X N/NX	Urine Chemistry, Special	70		CGS1	Coag Special, Series 1	163-164
6-acetylmorphine (6-AM)	DMPM	Drug Monitoring for Pain Management	108	50:50 mixing study, PT	CGE/CGEX	Coagulation, Extended	163
	FTC	Forensic Toxicology, Criminalistics	106		CGS1	Coag Special, Series 1	163-164
	OFD	Oral Fluid for Drugs of Abuse	102	<b>ABO grouping</b>	X <b>ABO</b>	HLA Serologic Typing	233
	T	Toxicology	98		X <b>J, J1</b>	Transfusion Medicine	216
	UDC	Forensic Urine Drug Testing, Confirmatory	101		X <b>JAT</b>	Transfusion Medicine, Automated	217
	UT	Urine Toxicology	98		JATE1	Transfusion Medicine, Automated, Educational	217
7-aminoclonazepam	DFC	Drug-Facilitated Crime	109		TMCA	Transfusion Medicine, Competency Assessment	221
	DMPM	Drug Monitoring for Pain Management	108	ABO subgroup typing	ABOSG	ABO Subgroup Typing	218
	FTC	Forensic Toxicology, Criminalistics	106	Acetaminophen	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58
	T	Toxicology	98		CZQ	Quality Cross Check, Chemistry and TDM	43
	UT	Urine Toxicology	98		FTC	Forensic Toxicology, Criminalistics	106
7-aminoflunitrazepam	DFC	Drug-Facilitated Crime	109		LN3	TDM Cal Ver/Lin	123-124
	FTC	Forensic Toxicology, Criminalistics	106		X SDS	Serum Drug Screen	103
	T	Toxicology	98		T	Toxicology	98
	UT	Urine Toxicology	98		UDS, UDS6	Urine Drug Screen	100
10q (PTEN) deletion	GLI	Glioma	251		UT	Urine Toxicology	98
11-dehydrothromboxane B2	TBX	11-Dehydrothromboxane B2	170	Acetone	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
11-deoxycortisol	Y/YY	Ligand Assay, Special	86				
17-hydroxycorticosteroids	N/NX	Urine Chemistry, Special	70				
17-hydroxyprogesterone	X Y/YY	Ligand Assay, Special	86				

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Acetone (cont.)	X AL2	Serum Alcohol/ Ethylene Glycol/ Volatiles	103
		SDS	103
		VF	103
<b>Acid-fast smear</b>	X E	Mycobacteriology	186
	X E1	Mycobacteriology, Ltd	186
Acid phosphatase	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
		CZQ	43
Activated clotting time	X CT, CT1, CT2, CT3, CT5	ACT	166
		CTQ, CT1Q, CT2Q, CT3Q, CT5Q	50
		POC14, POC15, POC16	54
<b>Activated partial thromboplastin time</b>	X CGB	Basic Coagulation	162
		CGE/CGEX	163
	X CGL	Coagulation, Limited	162
		CGLQ	49
		CGS1	163-164
		CGS3	163-164
		CGS4	163-164
		DBGN	165
	FNPX	165	
	RVBN	165	
Activated protein C resistance	CGE/CGEX	Coagulation, Extended	163
	CGS2	Coag Special, Series 2	163-164
Acylcarnitine	BGL	Biochemical Genetics	241
ADAMTS-13	CGS7	ADAMTS-13	163-164
<b>Adenovirus</b>	ID2	Nucleic Acid Amp, Respiratory	199

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Adenovirus (cont.)</b>	X IDR	Infectious Disease Respiratory Panel	200
		VLS2	196
	X VR1	Virology Culture	194
	X VR2	Viral Antigen by DFA	194
	X VR4	Viral Antigen by EIA and Latex	195
Adenovirus 40/41	SP, SPN	Stool Pathogen	184
Adjustable micropipette Cal V/L	I	Instrumentation	135
Adrenocorticotrophic hormone (ACTH)	X TM/TMX	Tumor Markers	91
<b>Alanine aminotransferase (ALT/SGPT)</b>	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
		CZQ	43
		IFS	136
		LN2	122-123
	LN2BV	122-123	
<b>Albumin</b>	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
		CZQ	43
		FLD	73
		FLDQ	44
		IFS	136
		LN2	122-123
		LN2BV	122-123
		SPE	77
Albumin, CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
Albumin, urine	ABU	Accuracy-Based Urine	113
	LN20	Urine Albumin	129
	X U	Urine Chemistry, General	69
Albumin: creatinine ratio	ABU	Accuracy-Based Urine	113
	LN20	Urine Albumin Cal Ver/Lin	129
	U	Urine Chemistry, General	69

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
Albumin: creatinine ratio (cont.)	UMC	Urine Albumin Creatinine	156	Alpha-hydroxyalprazolam (cont.)	FTC	Forensic Toxicology, Criminalistics	106
Alcohol, serum	X AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103		T	Toxicology	98
	LN11	Serum Ethanol Cal Ver/Lin	126		UDC	Forensic Urine Drug Testing, Confirmatory	101
Alcohol, whole blood	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103		UT	Urine Toxicology	98
	LN14	Whole Blood Ethanol Cal Ver/Lin	128	Alpha-thalassemia	HGM	Hemoglobinopathies, Molecular Methods	242
Aldolase	ADL	Aldolase	72	Alprazolam	DMPM	Drug Monitoring for Pain Management	108
Aldosterone, serum	X RAP	Renin and Aldosterone	91		FTC	Forensic Toxicology, Criminalistics	106
Aldosterone, urine	X N/NX	Urine Chemistry, Special	70		T	Toxicology	98
Alkaline phosphatase (ALP)	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58		UT	Urine Toxicology	98
	CZQ	Quality Cross Check, Chemistry and TDM	43	Aluminum	X R	Trace Metals	79
	FLD2	Body Fluid Chemistry 2	74		TMU	Trace Metals, Urine	105
	IFS	Interfering Substances	136	Amikacin	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123		CZQ	Quality Cross Check, Chemistry and TDM	43
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123		LN3	TDM Cal Ver/Lin	123–124
Allergens (specific)	SE	Diagnostic Allergy	209	Amino acids, qualitative	X BGL	Biochemical Genetics	241
Alpha-1 antitrypsin	X IG/IGX	Immunology, General	204	Amino acids, quantitative	BGL	Biochemical Genetics	241
	LN7	Immunology Cal Ver/Lin	125	Amitriptyline	DFC	Drug-Facilitated Crime	109
Alpha-1 antitrypsin genotyping	X AAT	Alpha-1 antitrypsin genotyping	241		FTC	Forensic Toxicology, Criminalistics	106
Alpha-1 globulin	SPE	Protein Electrophoresis	77		T	Toxicology	98
Alpha-2 globulin	SPE	Protein Electrophoresis	77		UT	Urine Toxicology	98
Alpha-2-antiplasmin	CGE/CGEX	Coagulation, Extended	163		X ZT, ZZT	TDM, Special	60
Alpha-fetoprotein (AFP), amniotic fluid	X FP/FPX	Maternal Screen	89	Ammonia	C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
Alpha-fetoprotein (AFP), serum	X FP/FPX	Maternal Screen	89		CZQ	Quality Cross Check, Chemistry and TDM	43
	X K/KK	Ligand Assay, General	84		LN32	Ammonia Cal Ver/Lin	131
	LN5	Ligand Assay Cal Ver/Lin	124	Amniotic fluid leakage (nitrazine)	AFL	Amniotic Fluid Leakage	151
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124	Amobarbital	DFC	Drug-Facilitated Crime	109
Alpha-hydroxyalprazolam	DFC	Drug-Facilitated Crime	109	Amphetamine	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108		DMPM	Drug Monitoring for Pain Management	108
					FTC	Forensic Toxicology, Criminalistics	106
					OFD	Oral Fluid for Drugs of Abuse	102
					T	Toxicology	98
					UDC	Forensic Urine Drug Testing, Confirmatory	101

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Amphetamine (cont.)	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
	UTCO	Urine Toxicology Carryover	137
Amphetamine group	DMPM	Drug Monitoring for Pain Management	108
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
	X <b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
<b>Amylase, pancreatic</b>	X <b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Amylase, urine	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Anabasine	NTA	Nicotine and Tobacco Alkaloids	104
Analytical balance	I	Instrumentation	135
<i>Anaplasma phagocytophilum</i>	TTD	Antibody Detection-Tick-Transmitted Diseases	202
Anaplastic lymphoma kinase	PM6	Anaplastic Lymphoma Kinase IHC	265
Androstenedione	X Y/YY	Ligand Assay, Special	86
Angiotensin converting enzyme	ACE	Angiotensin Converting Enzyme	72
Anti-A titer	ABT, ABT1	Antibody Titer	219
Anti-B titer	ABT3	Antibody Titer	219
Anti-beta-2-glycoprotein	CGE/CGEX	Coagulation, Extended	163
<b>Antibody detection</b>	X <b>J, JAT</b>	Transfusion Medicine	216–217

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Antibody detection (cont.)</b>	JATE1	Transfusion Medicine, Automated, Educational	217
	X PS	Platelet Serology	220
	TMCA	Transfusion Medicine, Competency Assessment	221
Antibody detection/identification (HLA)	X MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	232–233
	X MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	232–233
<b>Antibody identification</b>	ETME1	Expanded Transfusion Medicine Exercises	225
	X <b>J, JAT</b>	Transfusion Medicine	216–217
	JATE1	Transfusion Medicine, Automated, Educational	217
	TMCA	Transfusion Medicine, Competency Assessment	221
Antibody screen (HLA)	MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	232–233
	MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	232–233
Anticardiolipin IgA, qualitative	ACL, APS	Antiphospholipid Antibody	207
Anticardiolipin IgA, quantitative	ACL, APS	Antiphospholipid Antibody	207
Anticardiolipin IgG, IgM, polyclonal; qualitative	X ACL, APS	Antiphospholipid Antibody	207
Anticardiolipin IgG, IgM, polyclonal; quantitative	ACL, APS	Antiphospholipid Antibody	207
Anti-CCP	CCP	Cyclic Citrullinated Peptide Antibody	208
Anticentromere antibody	S2	Immunology Special	205
Antichromatin antibody	ACA	Antichromatin Antibody	206
Anti-CMV, total	X VM3	Viral Markers-Series 3	226
	X VR3	Infectious Disease Serology	202
Anti-CMV, IgG, IgM	X VR3	Infectious Disease Serology	202
Anti-D titer	ABT, ABT2	Antibody Titer	219
Anti-DNA (ds) antibody, qualitative	X S2, S4	Immunology, Special	205

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Anti-DNA (ds) antibody, quantitative	S2, S4	Immunology, Special	205
Anti-DNA topoisomerase (Scl-70)	RDS	Rheumatic Disease Special Serologies	210
Antideamidated gliadin peptide antibody, IgA, IgG, qualitative	X CES, CESX	Celiac Serology	208
Antideamidated gliadin peptide antibody, IgA, IgG, quantitative	CES, CESX	Celiac Serology	208
Antideamidated gliadin peptide antibody screen, IgA, IgG	CES, CESX	Celiac Serology	208
Antideamidated gliadin peptide/tissue transglutaminase antibody screen, IgA, IgG	CES, CESX	Celiac Serology	208
Antiendomysial antibody IgA, qualitative	CES, CESX	Celiac Serology	208
Antiendomysial antibody IgA, quantitative	CES, CESX	Celiac Serology	208
Antiendomysial antibody IgG, qualitative	CES, CESX	Celiac Serology	208
Antiendomysial antibody IgG, quantitative	CES, CESX	Celiac Serology	208
Antifilamentous actin IgG antibody	FCN	Antifilamentous Actin Antibody	206
Antifungal susceptibility testing	X F	Mycology and Aerobic Actinomycetes	187
	X F1	Yeast	187
<b>Antigen detection, bacterial</b>	CDF2	<i>Clostridium difficile</i> detection	182
	X CDF5	<b><i>Clostridium difficile</i> detection</b>	182
	X D	Bacteriology	174
	X D4	Bacteriology, Ltd	176
	X D6	Rapid Group A Strep	179
	X D8	Group B Strep	180
	X D9	Rapid Group A Strep, Waived	179
	X HC1	<i>C. trachomatis</i> by DFA	182
	X HC3	<i>C. trachomatis</i> by EIA	182
	LBAS	<i>Legionella pneumophila</i>	180
	X MC1	Microbiology Combination	177
	X MC2	Microbiology Combination	177
	X MC4	Urine Colony Count Combination	177

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Antigen detection, bacterial (cont.)</b>	X MC5	Throat Culture/Rapid Strep Combination	178
	POC4	POC Strep Screen Competency	52
	SBAS	<i>Streptococcus pneumoniae</i>	180
	X VS	Vaginitis Screen	185
<b>Antigen detection, viral</b>	X HC2	HSV by DFA	195
	X VR2	Viral Antigen Detection by DFA	194
	X VR4	Viral Antigen Detection by EIA and Latex	195
Antigliadin antibody IgA, IgG, qualitative	X CES, CESX	Celiac Serology	208
Antigliadin antibody IgA, IgG, quantitative	CES, CESX	Celiac Serology	208
Antiglomerular basement membrane, qualitative	X S2	Immunology, Special	205
Antiglomerular basement membrane, quantitative	S2	Immunology, Special	205
Anti-HAV, IgM	X VM5	Viral Markers-Series 5	227
Anti-HAV, IgG	X VM1	Viral Markers-Series 1	226
Anti-HAV, total	VM1	Viral Markers-Series 1	226
<b>Anti-HBc, IgM</b>	X VM5	Viral Markers-Series 5	227
<b>Anti-HBc, total</b>	X VM1	Viral Markers-Series 1	226
Anti-HBe	X VM2	Viral Markers-Series 2	226
Anti-HBs, qualitative	X VM1	Viral Markers-Series 1	226
Anti-HBs, quantitative	VM1	Viral Markers-Series 1	226
Anti-HCV	X RHCWV	Anti-HCV, Rapid Methods, Waived	228
	X VM1	Viral Markers-Series 1	226
Antihistidyl t-RNA synthetase (Jo-1)	RDS	Rheumatic Disease Special Serologies	210
Antihistone antibody	AHT	Antihistone Antibody	206
<b>Anti-HIV-1</b>	X AHIV	Anti-HIV Rapid Methods	227
	X AHIVW	Anti-HIV Rapid Methods	227
	X VM1	Viral Markers-Series 1	226
Anti-HIV-2	X VM1	Viral Markers-Series 1	226
	X AHIV	Anti-HIV Rapid Methods	227
<b>Anti-HIV-1/2</b>	X AHIV	Anti-HIV Rapid Methods	227
	X AHIVW	Anti-HIV Rapid Methods	227
	X VM1	Viral Markers-Series 1	226
<b>Anti-HIV-1/2, HIV-1 p24 antigen</b>	X VM6	Viral Markers-Series 6	227
Anti-HTLV-I/II	VM3	Viral Markers-Series 3	226

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Anti-Jo-1 (antihistidyl t-RNA synthetase)	RDS	Rheumatic Disease Special Serologies	210
Anti-LKM	LKM	Liver-Kidney Microsomal Antibody	210
<b>Antimicrobial susceptibility testing</b>	X <b>D</b>	Bacteriology	174
	X <b>D2</b>	Urine Cultures	176
	X <b>D4</b>	Bacteriology, Limited	176
	X <b>D7</b>	Throat, Urine Cultures	176
	MBT	Microbiology Bench Tools Competency	175
	X <b>MC1</b>	Microbiology Combination with GC	177
	X <b>MC2</b>	Microbiology Combination	177
	X <b>MC5</b>	Throat Culture/Rapid Strep	178
Antimitochondrial antibody, qualitative	X S2	Immunology, Special	205
Antimitochondrial M2 antibody	H	Antimitochondrial M2 Antibody	206
Anti-MPO	S2	Immunology, Special	205
Antimüllerian hormone	AMH	Antimüllerian Hormone	86
<b>Antimycobacterial susceptibility testing</b>	X <b>E</b>	Mycobacteriology	186
	MTBR	Molecular MTB Detection and Resistance	186
Antineutrophil cytoplasmic antibody (ANCA)	S2	Immunology, Special	205
<b>Antinuclear antibody (ANA)</b>	X <b>ANA, IL</b>	Immunology	204
Antiparietal cell antibody	APC	Autoimmune Gastritis Markers	206
Antiphospholipid antibody	ACL	Antiphospholipid Antibody	207
	CGE/CGEX	Coagulation, Extended	163
Antiphosphatidylserine antibodies (IgG, IgM, and IgA)	APS	Antiphosphatidylserine Antibodies	207
Anti-PR3	S2	Immunology, Special	205
Antiribosomal P antibody	ARP	Antiribosomal P Antibody	207
Anti-RNP antibody, qualitative	X S2	Immunology, Special	205
Anti-RNP antibody, quantitative	S2	Immunology, Special	205
Anti- <i>Saccharomyces cerevisiae</i> antibody	ASC	Anti- <i>Saccharomyces cerevisiae</i> Antibody	207

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Anti-Scl-70 (anti-DNA topoisomerase)	RDS	Rheumatic Disease Special Serologies	210
Anti-Sm antibody, qualitative	X S2	Immunology, Special	205
Anti-Sm antibody, quantitative	S2	Immunology, Special	205
Anti-Sm/RNP antibody, qualitative	X S2	Immunology, Special	205
Anti-Sm/RNP antibody, quantitative	S2	Immunology, Special	205
Antismooth muscle antibody	X S2	Immunology, Special	205
Antisperm antibody IgG	X ASA	Semen Analysis	158
Anti-SSA antibody, qualitative	X S2	Immunology, Special	205
Anti-SSA antibody, quantitative	S2	Immunology, Special	205
Anti-SSB antibody, qualitative	X S2	Immunology, Special	205
Anti-SSB antibody, quantitative	S2	Immunology, Special	205
Anti-SSA/SSB antibody, qualitative	X S2	Immunology, Special	205
Anti-SSA/SSB antibody, quantitative	S2	Immunology, Special	205
<b>Antistreptolysin O (ASO)</b>	X <b>ASO, IL</b>	Immunology	204
Antithrombin (activity, Ag)	CGE/CGEX	Coagulation, Extended	163
	CGS2	Coag Special, Series 2	163-164
	LN35	Thrombophilia Cal Ver/Lin	132
Antithyroglobulin antibody, qualitative	X S2, S4	Immunology, Special	205
Antithyroglobulin antibody, quantitative	S2, S4	Immunology, Special	205
Anti thyroid microsomal, qualitative	X S2, S4	Immunology, Special	205
Anti thyroid microsomal, quantitative	S2, S4	Immunology, Special	205
Anti thyroid peroxidase, qualitative	X S2, S4	Immunology, Special	205
Anti thyroid peroxidase, quantitative	S2, S4	Immunology, Special	205
Anti tissue transglutaminase antibody IgA, qualitative	X CES, CESX	Celiac Serology	208
Anti tissue transglutaminase antibody IgA, quantitative	CES, CESX	Celiac Serology	208

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Antitissue transglutaminase antibody IgG, qualitative	CES, CESX	Celiac Serology	208
Antitissue transglutaminase antibody IgG, quantitative	CES, CESX	Celiac Serology	208
Anti- <i>Trypanosoma cruzi</i>	VM4	Viral Markers-Series 4	227
Apolipoprotein A1	X ABL	Accuracy-Based Lipids	112
	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Apolipoprotein B	X ABL	Accuracy-Based Lipids	112
	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Apolipoprotein E (APOE) genotyping	X APOE	Apolipoprotein E (APOE) genotyping	241
Arsenic, urine	TMU	Trace Metals, Urine	105
Arthropod identification	TMO	Ticks, Mites, and Other Arthropods	192
<b>Aspartate aminotransferase (AST/SGOT)</b>	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Aspirin assay	PIA, PIAX	Drug-Specific Platelet Aggregation	170
Atenolol	T	Toxicology	98
	UT	Urine Toxicology	98
Atropine	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Automated WBC differential</b>	X FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Automated WBC differential (cont.)</b>	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
Autopsy pathology	AUCD/AUCD1	Autopsy Pathology, CD-ROM	267
B-type natriuretic peptides	X BNP	B-Type Natriuretic Peptides, 2 Chall	61
	X BNP5	B-Type Natriuretic Peptides, 5 Chall	61
	BNPQ	Quality Cross Check, B-Type Natriuretic Peptides	43
	LN30	B-Type Natriuretic Peptides Cal Ver/Lin	131
	X PCARM, PCARMX	Plasma Cardiac Markers	66
	POC12	Competency Plasma Cardiac Markers	53
<i>Babesia microti</i>	TTD	Antibody Detection of Tick-Transmitted Diseases	202
<b>Bacterial antigen detection</b>	CDF2	<i>Clostridium difficile</i> Detection	182
	X CDF5	<i>Clostridium difficile</i> detection	182
	X D	Bacteriology	174
	X D4	Bacteriology, Ltd	176
	X D6	Rapid Group A Strep	179
	X HC1	<i>C. trachomatis</i> by DFA	182
	X HC3	<i>C. trachomatis</i> by EIA	182
	LBAS	<i>Legionella pneumophila</i> Antigen Detection	180
	X MC1	Microbiology Combination	177
	X MC2	Microbiology Combination	177
	X MC4	Urine Colony Count Combination	177
	X MC5	Throat Culture/Rapid Strep Combination	178
	POC4	POC Strep Screen Competency	52
	SBAS	<i>S. pneumoniae</i> Antigen Detection	180
	X VS	Vaginitis Screen	185
<b>Bacterial detection in platelets</b>	BDP, BDPV	Bacterial Detection, Platelets	224
	X BDP5, BDPV5	Bacterial Detection, Platelets	224
<b>Bacterial identification</b>	X D	Bacteriology	174



Analyte/Procedure	LAP Program ENR Code	Description	Pg	
<b>Bacterial identification (cont.)</b>	X <b>D1, D2, D3, D7</b>	Throat, Urine, GC Cultures	176	
	X <b>D4</b>	Bacteriology, Ltd	176	
	X <b>D8</b>	Group B Strep	180	
		DEX	Expanded Bacteriology	175
	X <b>HC6/HC6X</b>	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	197	
	X <b>HC7</b>	<i>C. trachomatis</i> /GC DNA by NAA	197	
	X <b>MC1</b>	Microbiology Combination with GC	177	
	X <b>MC2</b>	Microbiology Combination	177	
	X <b>MC4</b>	Urine Colony Count Combination	177	
	X <b>MC5</b>	Throat Culture/Rapid Strep	178	
		MBT	Microbiology Bench Tools Competency	175
		MRS	Methicillin-Resistant <i>Staphylococcus aureus</i> Screen	183
	X <b>MRS5</b>	Methicillin-Resistant <i>Staphylococcus aureus</i> Screen	183	
	Bacterial strain typing	BSTS	Bacterial Strain Typing- <i>Staphylococcus</i>	198
	Bacterial vaginosis screen	BV	Bacterial Vaginosis	184
VS2		Vaginitis Screen, Virtual Gram Stain	185	
Barbiturate group	DMPM	Drug Monitoring for Pain Management	108	
	SDS	Serum Drug Screen	103	
	T	Toxicology	98	
	UDS, UDS6	Urine Drug Screen	100	
	UT	Urine Toxicology	98	
	<i>BCR/ABL1 p190</i>	X MRD1	Minimal Residual Disease	252
<i>BCR/ABL1 p210</i>	MRD	Minimal Residual Disease	252	
Bence Jones protein	UBJP	Urinary Bence Jones Protein	77	
Benzodiazepine group	DMPM	Drug Monitoring for Pain Management	108	
	OFD	Oral Fluid for Drugs of Abuse	102	
	SDS	Serum Drug Screen	103	
	T	Toxicology	98	
	UDS, UDS6	Urine Drug Screen	100	
	UT	Urine Toxicology	98	

Analyte/Procedure	LAP Program ENR Code	Description	Pg		
Benzoyllecgonine		DFC	Drug-Facilitated Crime	109	
		DMPM	Drug Monitoring for Pain Management	108	
		FTC	Forensic Toxicology, Criminalistics	106	
		OFD	Oral Fluid for Drugs of Abuse	102	
		T	Toxicology	98	
		UDC	Forensic Urine Drug Testing, Confirmatory	101	
		UDS, UDS6	Urine Drug Screen	100	
		UT	Urine Toxicology	98	
		UTCO	Urine Toxicology Carryover	137	
	Beta-2-glycoprotein I		ACL, APS	Antiphospholipid Antibody	207
Beta-2-microglobulin, serum	X	TM/TMX	Tumor Markers	91	
Beta-2-microglobulin, urine		CD	Cadmium	104	
Beta-hydroxybutyrate	X	KET	Ketones	65	
Beta globulin		SPE	Serum Electrophoresis	77	
Beta-thalassemia		HGM	Hemoglobinopathies, Molecular Methods	242	
Bile crystal identification		BCR	Bile Crystals	152	
Bilirubin, confirmatory urine		DSC	Dipstick Confirmatory	152	
Bilirubin, direct	X	C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58	
		CZQ	Quality Cross Check, Chemistry and TDM	43	
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123	
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123	
		X NB, NB2	Neonatal Bilirubin	66	
	<b>Bilirubin, total</b>	X	<b>C1, C3, C3X, C4, CZ, CZ2X, CZX</b>	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43	
		FLD2	Body Fluid Chemistry 2	74	
		IFS	Interfering Substances	136	
		LM1	Lung Maturity	77	
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123		

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg	
<b>Bilirubin, total (cont.)</b>		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123		X HFC, HFCI	Hemocytometer Fluid Count	153–154
	X	NB, NB2	Neonatal Bilirubin	66		CMP/CMP1	Clinical Microscopy	149
Bilirubin, urine	X	CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149		FLD, FLD2	Body Fluid	73–74
		CMQ	Quality Cross Check, Urinalysis	48		BFC	Crystals	152
		DSC	Dipstick Confirmatory	152		CMP, CMP1	Clinical Microscopy	149
	X	HCC2	Waived Combination	67		BMD	Bone Marrow Cell Differential	144
		POC3	POC Urine Dipstick Competency	52		BMD	Bone Marrow Cell Differential	144
Bioavailable testosterone		DY	Ligand Assay, Special	86		BMV2	Bone Markers and Vitamins	88
Biochemical genetics		BGL, BGL1	Biochemical Genetics	241	<i>Bordetella holmesii</i>	IDR	Nucleic Acid Amp, Organisms	200
Bioterrorism agents		LPX	Laboratory Preparedness Exercise	183	<i>Bordetella parapertussis</i>	BOR	<i>Bordetella pertussis/parapertussis</i> , Molecular	181
BK virus		ID1T	Nucleic Acid Amp, JC and BK	199		IDN, IDO, IDR	Nucleic Acid Amp, Organisms	198, 200
		VLS, VLS2	Viral Load	196	<i>Bordetella pertussis</i>	BOR	<i>Bordetella pertussis/parapertussis</i> , Molecular	181
<b>Blood cell identification</b>	X	BCP, BCP2	Blood Cell Identification	140		IDN, IDO, IDR	Nucleic Acid Amp, Organisms	198, 200
		EHE1	Expanded Virtual Peripheral Blood Smear	147	<i>Borrelia burgdorferi</i>	TTD	Antibody Detection of Tick-Transmitted Diseases	202
	X	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141	<b>BRAF</b>	BRAF	Mutation testing	251
	X	HEP	Basic Hematology	140		MTP	Multigene Tumor Panel	251
		VPBS	Virtual Peripheral Blood Smear	147	<b>BRAF V600E</b>	BRAFV	BRAF V600E	264
		VBF	Virtual Body Fluid	151	<b>BRCA 1/2</b>	X MGL3	Molecular Genetics	243
Blood culture	X	BCS	Blood Culture	180	<b>BRCA 1/2 sequencing</b>	X BRCA	<b>BRCA 1/2 Sequencing</b>	242
		GNBC	Gram-Negative Blood Culture Panel	201	<b>BRCA 1/2 duplication/deletion analysis</b>	BRCA	<b>BRCA 1/2 Sequencing</b>	242
		GPBC	Gram-Positive Blood Culture Panel	201	Brain tissue by FISH	CYJ	Fluorescence In Situ Hybrid, Brain/Glioma Tissue	239
Blood culture <i>Staphylococcus aureus</i>		BCS1	Blood Culture <i>Staphylococcus aureus</i>	181	Brightfield in situ hybridization	X ISH2	In Situ Hybridization	249
<b>Blood parasite</b>	X	BP	Blood Parasite	191	Brompheniramine	DFC	Drug-Facilitated Crime	109
	X	P	Parasitology	190		FTC	Forensic Toxicology, Criminalistics	106
Blood parasite, rapid		RMAL	Rapid Malaria	191		T	Toxicology	98
Bloom syndrome	X	MGL4	Molecular Genetics	243		UT	Urine Toxicology	98
Bocavirus		IDR	Infectious Disease Respiratory Panel	200	Buprenorphine	DMPM	Drug Monitoring for Pain Management	108
Body fluid case studies		VBF	Virtual Body Fluid	151		T	Toxicology	98
Body fluid (cell count)		ABF1, ABF2, ABF3	Automated Body Fluid	151		UDC	Forensic Urine Drug Testing, Confirmatory	101

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Buprenorphine (cont.)	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Bupropion	T	Toxicology	98
	UT	Urine Toxicology	98
Butalbital	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
<b>C. difficile</b>	CDF2	<i>Clostridium difficile</i> Detection	182
	X CDF5	<i>Clostridium difficile</i> Detection	182
	X D	Bacteriology-Antigen Detection	174
	GIP	Gastrointestinal Panel	201
	SP, SPN	Stool Pathogens-Rapid and Molecular	184
CA 15-3	LN34	Tumor Markers Cal Ver/Lin	132
	X TM/TMX	Tumor Markers	91
CA 19-9	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	LN34	Tumor Markers Cal Ver/Lin	132
	X TM/TMX	Tumor Markers	91
CA 27.29	X TM/TMX	Tumor Markers	91
CA 72-4	X TM/TMX	Tumor Markers	91
CA 125	LN34	Tumor Markers Cal Ver/Lin	132
	X TM/TMX	Tumor Markers	91
Cadmium, urine	X CD	Cadmium	104
Cadmium, whole blood	X CD	Cadmium	104
Caffeine	X CZ2X, CZX, CZ, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Calcitonin	X TM/TMX	Tumor Markers	91
<b>Calcium</b>	ABS	Accuracy-Based Testosterone and Estradiol	113
	X C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Calcium (cont.)</b>	FLD2	Body Fluid Chemistry 2	74
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Calcium, urine	ABU	Accuracy-Based Urine	113
	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Calcium, ionized	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN13C	Blood Gas Cal Ver/Lin	127
	POC10, POC11	POC Competency Blood Gases	53
Calcofluor white	FSM	Fungal Smear	189
<i>Campylobacter</i>	CAMP	<i>Campylobacter</i>	181
	GIP	Gastrointestinal Panel	201
Canavan disease	X MGL4	Molecular Genetics	243
<b>Candida culture</b>	X F3	<i>Candida</i> Culture	188
<b>Candida sp., DNA probe</b>	X VS	Vaginitis Screen	185
Cannabinoids		See Delta-9-THC-COOH and Delta-9-THC	100-102, 137
<b>Carbamazepine</b>	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123-124
	T	Toxicology	98
	UT	Urine Toxicology	98
Carbamazepine-10,11-epoxide	T	Toxicology	98
	UT	Urine Toxicology	98
Carbamazepine, free	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Carbamazepine, free (cont.)	CZQ	Quality Cross Check, Chemistry and TDM	43
Carboxyhemoglobin	X SO	Blood Oximetry	96
	SOQ	Quality Cross Check, Blood Oximetry	46
Carisoprodol	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Carnitine	X BGL1	Biochemical Genetics	241
Casts, urine (semiquantitative)	UAA, UAA1	Automated Urinalysis	152
CD1a	RFAV1	Rare Flow Antigen Validation CD1a	214
CD3	X FL, FL1	Lymphocyte Subset Immunophenotyping	212
	LN22	Flow Cytometry Cal Ver/Lin	130
	SCP	Stem Cell Processing	223
CD4	X FL, FL1	Lymphocyte Subset Immunophenotyping	212
	LN22	Flow Cytometry Cal Ver/Lin	130
CD8	X FL, FL1	Lymphocyte Subset Immunophenotyping	212
	LN22	Flow Cytometry Cal Ver/Lin	130
CD20	PM3	Immunohistochemistry	265
CD34	CBT	Cord Blood Testing	223
	X FL4	Flow Cytometry CD34+	212
	SCP	Stem Cell Processing	223
CD45	CBT	Cord Blood Testing	223
	X FL, FL1	Lymphocyte Subset Immunophenotyping	212
	FL4	Flow Cytometry CD34+	212
	SCP	Stem Cell Processing	223
CD49d	ZAP70	ZAP-70 Analysis by Flow Cytometry	214
CD103	RFAV2	Rare Flow Antigen Validation, CD103	214
CD117 (c-kit)	PM1	Immunohistochemistry	265
CEA	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	X K, KK, K2	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124

Analyte/Procedure	LAP Program ENR Code	Description	Pg
CEA (cont.)	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
Ceruloplasmin	X S2, S4	Immunology, Special	205
CFU-GM	SCP	Stem Cell Processing	223
CH50	CH50	Total Hemolytic Complement	210
CH100	CH50	CH100	210
<b>Chlamydia trachomatis</b>	X HC1	<i>C. trachomatis</i> by DFA	182
	X HC3	<i>C. trachomatis</i> by EIA	182
	X HC6, HC6X	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	197
	X HC7	<i>C. trachomatis</i> /GC DNA by NAA	197
	VR1	Virology Culture	194
<i>Chlamydia pneumoniae</i>	IDN, IDO, IDR	Nucleic Acid Amp, Organisms	198, 200
Chlordiazepoxide	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Chloride</b>	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	X C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD2	Body Fluid Chemistry 2	74
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
	LN13C	Blood Gas Cal Ver/Lin	127
	POC10, POC11	POC Competency Blood Gases	53
Chloride, sweat	X SW1, SW2, SW3, SW4	Sweat Analysis Series	80
Chloride, urine	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Chloride, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103
Chlorpheniramine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Chlorpheniramine (cont.)	T	Toxicology	98
	UT	Urine Toxicology	98
Chlorpromazine	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Cholesterol</b>	ABL	Accuracy-Based Lipids	112
	X C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	X LCW	Ltd Chem, Waived	65
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Chromium	X R	Trace Metals	79
Chromium, urine	TMU	Trace Metals, Urine	105
Chromosomal abnormalities	X CY, CYBK	Cytogenetics	238
Citalopram	DFC	Drug-Facilitated Crime	109
	T	Toxicology	98
	UT	Urine Toxicology	98
Citrate	KSA	Kidney Stone Risk Assessment	70
<b>CK isoenzymes</b>	X CRTI	Cardiac Markers	63
<b>CK-MB (immunochemical)</b>	X CRT, CRTI	Cardiac Markers	63
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
	X PCARM, PCARMX	Plasma Cardiac Markers	66
	POC12	Competency Plasma Cardiac Markers	53
CK2 (MB)	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Clinical pathology improvement program	CPIP/CPIP1	Quality Management (Education)	14
Clomipramine	T	Toxicology	98
	UT	Urine Toxicology	98
Clonazepam	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Clonidine	DFC	Drug-Facilitated Crime	109
<b>Clostridium difficile</b>	CDF2	<i>Clostridium difficile</i> Detection	182
	X CDF5	<i>Clostridium difficile</i> Detection	182
	X D	Bacteriology-Antigen Detection	174
	GIP	Gastrointestinal Panel	201
	SP, SPN	Stool Pathogens-Rapid and Molecular	184
Clozapine	T	Toxicology	98
	UT	Urine Toxicology	98
	ZE	Therapeutic Drug Monitoring, Extended	60
<b>CMV</b>	ID1	Nucleic Acid Amp, Viruses	199
	LN38	CMV Viral Load Cal Ver/Lin	133, 197
	VLS, VLS2	Viral Load	196
	X VM3	Viral Markers-Series 3	226
	X VR1	Virology Culture	194
	X VR2	Viral Antigen Detection by DFA	194
	X VR3	Infectious Disease Serology	202
CO <sub>2</sub>	X C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Cobalt	TMU	Trace Metals, Urine	105
Cocaethylene	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
Cocaethylene (cont.)	UT	Urine Toxicology	98	<b>Cortisol (cont.)</b>	X <b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
Cocaine	DMPM	Drug Monitoring for Pain Management	108		CZQ	Quality Cross Check, Chemistry and TDM	43
	FTC	Forensic Toxicology, Criminalistics	106		X <b>K/KK</b>	Ligand Assay, General	84
	OFD	Oral Fluid for Drugs of Abuse	102		LN5	Ligand Assay Cal Ver/Lin	124
	T	Toxicology	98		LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
	UDS, UDS6	Urine Drug Screen	100	Cortisol, salivary	SALC	Salivary Cortisol	78
	UT	Urine Toxicology	98	Cortisol, urinary free	X N/NX	Urine Chemistry, Special	70
Codeine	DFC	Drug-Facilitated Crime	109	Cotinine	NTA	Nicotine and Tobacco Alkaloids	104
	DMPM	Drug Monitoring for Pain Management	108		T	Toxicology	98
	FTC	Forensic Toxicology, Criminalistics	106		UT	Urine Toxicology	98
	OFD	Oral Fluid for Drugs of Abuse	102	C-peptide	X ING	Insulin, Gastrin, C-Peptide, PTH	88
	T	Toxicology	98	C-reactive protein (CRP)	X CRP, IL	Immunology	204
	UDC	Forensic Urine Drug Testing, Confirmatory	101		LN12, LN12E	C-Reactive Protein Cal Ver/Lin	127
	UT	Urine Toxicology	98	C-reactive protein, high-sensitivity (hsCRP)	X HSCRIP	High-Sensitivity C-Reactive Protein	65
<b>Compatibility testing</b>	X <b>J, JAT</b>	Transfusion Medicine	216–217		LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	129
	JATE1	Transfusion Medicine Automated, Educational	217	<b>Creatine kinase (CK)</b>	X <b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
	TMCA	Transfusion Medicine, Competency Assessment	221		CZQ	Quality Cross Check, Chemistry and TDM	43
<b>Complement C3</b>	X <b>IG/IGX</b>	Immunology, General	204		IFS	Interfering Substances	136
	LN7	Immunology Cal Ver/Lin	125		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
<b>Complement C4</b>	X <b>IG/IGX</b>	Immunology, General	204		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
	LN7	Immunology Cal Ver/Lin	125	<b>Creatinine</b>	X <b>AQ2, AQ4</b>	Aqueous Blood Gas	94
Complexed PSA	X K/KK	Ligand Assay, General	84		AQ2Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
Conductivity, sweat	X SW1, SW2, SW3, SW4	Sweat Analysis Series	80		X <b>C1, C3, C3X, C4, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
Connexin 26	X MGL3	Molecular Genetics	243		CZQ	Quality Cross Check, Chemistry and TDM	43
Copper	X R	Trace Metals	79		FLD	Body Fluid	73
Copper, urine	TMU	Trace Metals, Urine	105		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
Coproporphyrins	X N/NX	Urine Chemistry, Special	70				
Coronavirus	ID2	Nucleic Acid Amp, Respiratory	199				
	IDR	Infectious Disease, Respiratory Panel	200				
<b>Cortisol</b>	ABS	Accuracy-Based Testosterone and Estradiol	113				

Analyte/Procedure	LAP Program ENR Code	Description	Pg	
<b>Creatinine (cont.)</b>	IFS	Interfering Substances	136	
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123	
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123	
	LN24	Creatinine Accuracy Cal Ver/Lin	130	
	SCO	Serum Carryover	137	
Creatinine, urine	ABU	Accuracy-Based Urine	113	
	X BU	Bone and Mineral, Urine	87	
	X CD	Cadmium	104	
	DAI	Urine Drug Adulterant/ Integrity Testing	100	
	LN6	Urine Chemistry Cal Ver/Lin	125	
	LN20	Urine Albumin Cal Ver/Lin	129	
	X U	Urine Chemistry, General	69	
	UDC	Forensic Urine Drug Testing, Confirmatory	101	
	X UMC	Urine Albumin/ Creatinine	156	
Creatinine, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103	
<b>Creatinine, whole blood</b>	X <b>WBCR</b>	Whole Blood Creatinine	67	
	EXM, EXM2	Electronic Crossmatch	216-217	
<b>Crossmatching</b>	X <b>J, JAT</b>	Transfusion Medicine	216-217	
	X MX1B, MX1C, MXB, MXC	HLA Analysis, Class I	232-233	
	X MX2B, MX2C, MXB, MXC	HLA Analysis Class II	232-233	
		TMCA	Transfusion Medicine, Competency Assessment	221
	<b>Cryptococcal antigen detection</b>	X <b>CRYP</b>	<b>Cryptococcal Antigen Detection</b>	188
	X F	Mycology and Aerobic Actinomycetes	187	
	X F1	Yeast	187	
<i>Cryptococcus neoformans/gatti</i>	IDME	Meningitis/Encephalitis Panel	200	
<i>Cryptosporidium</i>	GIP	Gastrointestinal Panel	201	

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Cryptosporidium immunoassay, preserved specimen</b>	X <b>P, P3, P4, P5</b>	Parasitology	190
Crystals, urine (semiquantitative)	UAA	Automated Urinalysis	152
Crystal identification (bile)	BCR	Bile crystals	152
Crystal identification (body fluid)	BFC	Body Fluid Crystals	152
Crystal identification (body fluid, urine and bile)	BFC	Body Fluid Crystals	152
Crystal identification (urine)	URC	Urine Crystals	152
<b>CSF antigen detection</b>	X <b>D</b>	Bacteriology	174
C-telopeptide (CTX)	BMV5	Bone Markers and Vitamin	88
	BU	Bone and Mineral, Urine	87
Cyclic citrullinated peptide antibody	CCP	Anti-cyclic Citrullinated Peptide Antibody	208
Cyclobenzaprine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Cyclosporine	X CS	Immunosuppressive Drugs	59
	LN31	Immunosuppressive Drugs Cal Ver/Lin	131
<i>CYP2C9</i>	PGX	Pharmacogenetics	245
<i>CYP2C19</i>	PGX	Pharmacogenetics	245
<i>CYP2D6</i>	PGX	Pharmacogenetics	245
<i>CYP3A4</i>	PGX	Pharmacogenetics	245
<i>CYP3A5</i>	PGX	Pharmacogenetics	245
Cystatin C	CYS	Cystatin C	75
Cystic fibrosis	X MGL2, MGL5	Molecular Genetics	243
Cystine	KSA	Kidney Stone Risk Assessment	70
Cytogenomic microarray	CYCGH	Constitutional Microarray Analysis	240
	CYCMA	Cytogenomic Microarray Analysis for Oncologic Abnormality	240
<b>Cytology proficiency testing</b>		<b>See Cytopathology GYN proficiency testing</b>	
<b>Cytomegalovirus (CMV)</b>	ID1	Nucleic Acid Amp, Viruses	199

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Cytomegalovirus (CMV) (cont.)</b>	IDME	Meningitis/Encephalitis Panel	200	Delta-9-THC (cont.)	UT	Urine Toxicology	98
	LN38	CMV Viral Load Cal Ver/Lin	133	Delta-9-THC-COOH	DFC	Drug-Facilitated Crime	109
	VLS, VLS2	Viral Load	196		DMPM	Drug Monitoring for Pain Management	108
	X VM3	Viral Markers-Series 3	226		FTC	Forensic Toxicology, Criminalistics	106
	X <b>VR1</b>	Virology Culture	194		T	Toxicology	98
	X <b>VR2</b>	Virology by DFA	194		UDC	Forensic Urine Drug Testing, Confirmatory	101
	X VR3	Infectious Disease Serology	202		UDS, UDS6	Urine Drug Screen	100
Cytopathology GYN education	PAPCE1	PAP Edu, Conventional	270		UT	Urine Toxicology	98
	PAPJE1	PAP Edu, All Technologies	270		UTCO	Urine Toxicology Carryover	137
	PAPKE1	PAP Edu, SurePath	270	Deoxyipyridinoline (DPD)	BU	Bone and Mineral, Urine	87
	PAPME1	PAP Edu, ThinPrep	270	Dermatopathology	DPATH/DPATH1	Online Digital Slide Program	257
<b>Cytopathology GYN proficiency testing</b>	<b>PAPCPT</b>	PAP PT, Conventional	269	<b>Dermatophyte identification</b>	X <b>F</b>	Mycology and Aerobic Actinomycetes	187
	<b>PAPJPT</b>	PAP PT, Combination	269	Desalkylflurazepam	T	Toxicology	98
	<b>PAPKPT</b>	PAP PT, SurePath	269		UT	Urine Toxicology	98
	<b>PAPLPT</b>	PAP PT, Combination	269	Desipramine	DFC	Drug-Facilitated Crime	109
	<b>PAPMPT</b>	PAP PT, ThinPrep	269		FTC	Forensic Toxicology, Criminalistics	106
Cytopathology, nongynecologic	FNA/FNA1	Fine-Needle Aspiration-Online	274		T	Toxicology	98
	FNAG/FNAG1	Fine-Needle Aspiration-Glass	275		UT	Urine Toxicology	98
	NGC/NGC1	Nongynecologic Cytopath Edu Prgm	273		X ZT, ZZT	TDM, Special	60
Cytopreparation differential	HFC	Hemocytometer Fluid Count	153	Desmethylclomipramine	T	Toxicology	98
Dabigatran	DBGN	Anticoagulant Monitoring, Dabigatran	165		UT	Urine Toxicology	98
D-dimer, qualitative	CGDF	Coagulation, D-dimer/FDP	162	Desmethylcyclobenzaprine	FTC	Forensic Toxicology, Criminalistics	106
	CGL	Coagulation, Limited	162		T	Toxicology	98
	WBDD	Whole Blood D-dimer	170		UT	Urine Toxicology	98
D-dimer, quantitative	X CGDF	Coagulation, D-dimer/FDP	162	Desmethylsertraline	T	Toxicology	98
	X CGL	Coagulation, Limited	162		UT	Urine Toxicology	98
	CGLQ	Quality Cross Check, Coagulation, Limited	49	Dextromethorphan	DFC	Drug-Facilitated Crime	109
	LN42	D-dimer Cal Ver/Lin	134		FTC	Forensic Toxicology, Criminalistics	106
	X PCARM, PCARMX	Plasma Cardiac Markers	66		T	Toxicology	98
	POC12	Competency Plasma Cardiac Markers	53		UT	Urine Toxicology	98
Delta-9-THC	FTC	Forensic Toxicology, Criminalistics	106	DHEA sulfate	X Y/YY	Ligand Assay, Special	86
	OFD	Oral Fluid for Drugs of Abuse	102	DIA (Dimeric inhibin A)	X FP/FPX	Maternal Screen	89
	T	Toxicology	98	Diazepam	DMPM	Drug Monitoring for Pain Management	108
					FTC	Forensic Toxicology, Criminalistics	106
					OFD	Oral Fluid for Drugs of Abuse	102
					T	Toxicology	98
					UT	Urine Toxicology	98



Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Differential, automated</b>	X	<b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	141
		FH3Q, FH4Q, FH6Q, FH9Q	47
Differential (fluid), manual		HFC, HFCI	153-154
Differential (blood), manual		EHE1	147
		VPBS	147
Differential (bone marrow), manual		BMD	144
Digital slide program in fine-needle aspiration, online		FNA/FNA1	274
<b>Digoxin</b>	X	<b>CZ, CZ2X, CZX, Z</b>	56-58
		CZQ	43
		LN3	123-124
Digoxin, free	X	CZ, CZ2X, CZX, Z	56-58
		CZQ	43
Dihydrocodeine		T	98
		UT	98
Diltiazem		T	98
		UT	98
Dilute prothrombin time		CGE/CGEX	163
Dilute Russell's viper venom time		CGE/CGEX	163
Dimeric inhibin A (DIA)	X	FP, FPX	89
Diphenhydramine		DFC	109
		FTC	106
		T	98
		UT	98
Diphenylhydantoin			See Phenytoin
Direct antiglobulin testing	X	DAT	220
		TMCAD	221

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Direct bilirubin	X	C1, C3, C3X, C4, CZ, CZ2X, CZX	56-58
		CZQ	43
		LN2	122-123
		LN2BV	122-123
	X	NB, NB2	66
Disease association/drug risk		DADR1, DADR2	235
Disopyramide	X	CZ, CZ2X, CZX, Z	56-58
		CZQ	43
DMD/Becker	X	MGL2	243
DNA analysis	X	DL, DML	233
		FID, FIDM	278
	X	ML	233
		MHO	252
	X	PARF	229
DNA content/cell cycle analysis		FL, FL2	212
DNA extraction and amplification		MHO5	249, 252
DNA fingerprinting		IDN, IDO	198
DNA mismatch repair		MMR	264
DNA sequencing		SEC, SEC1	244
Dopamine	X	N/NX	70
Doxepin		DFC	109
		FTC	106
		T	98
		UT	98
Doxylamine		DFC	109
		T	98
		UT	98
DPYD		PGX3	245
Duloxetine		T	98
		UT	98
Ecgonine ethyl ester		FTC	106
		T	98
		UT	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
Ecgonine methyl ester	FTC	Forensic Toxicology, Criminalistics	106	Epstein-Barr virus (EBV) (cont.)	VR3	Antibody Detection-Infectious Disease Serology	202
	T	Toxicology	98	ER, PgR by immunohistochemistry	X PM2	ER, PgR by Immunohistochemistry	266
	UT	Urine Toxicology	98	Erythrocyte sedimentation rate	ESR, ESR1, ESR2, ESR3	Erythrocyte Sedimentation Rate	141
<i>E. coli</i> O157	GIP	Gastrointestinal Panel	201	Erythropoietin	EPO	Erythropoietin	88
EGFR-Epidermal growth factor receptor	EGFR	Mutation testing	251	<i>Escherichia coli</i> K1	IDME	Meningitis/Encephalitis Panel	200
	MTP	Multigene Tumor Panel	251	<i>Escherichia coli</i> O157	GIP	Gastrointestinal Panel	201
eGFR	LN24	Creatinine Accuracy CalVer/Lin	130	Estradiol	ABS	Accuracy-Based Testosterone and Estradiol	113
Electronic crossmatch	EXM, EXM2	Electronic Crossmatch	216–217		LN8	Reproductive Endocrinology Cal Ver/Lin	126
Electrophoresis	X HG	Hemoglobinopathy	145		X Y/YY	Ligand Assay, Special	86
	LPE	Lipoprotein Electrophoresis	77	Estriol, unconjugated (uE3)	X FP/FPX	Maternal Screen	89
	X M, OLI	CSF Chemistry and Oligoclonal Bands	75		X Y/YY	Ligand Assay, Special	86
	X SPE	Protein Electrophoresis	77	Estrogen receptors by immunohistochemistry	X PM2	ER, PgR by Immunohistochemistry	266
	UBJP	Urinary Bence Jones Proteins	77	<b>Ethanol</b>	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
Elution, antibody	ELU	Eluate	220		X AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103
	TMCAE	Eluate Competency Assessment	221		LN11	Serum Ethanol Cal Ver/Lin	126
Embryology	EMB	Embryology	159		LN14	Whole Blood Ethanol Cal Ver/Lin	128
Enterotoxigenic <i>E. coli</i> (ETEC)	GIP	Gastrointestinal Panel	201	Ethanol, urine	UDS, UDS6	Urine Drug Screen	100
<b>Enterovirus</b>	ID1	Nucleic Acid Amp, Viruses	199	Ethanol, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103
	IDME	Meningitis/Encephalitis Panel	200	ETEC (Enterotoxigenic <i>E. coli</i> )	GIP	Gastrointestinal Panel	201
	X IDR	Infectious Disease, Respiratory Panel	200	<b>Ethosuximide</b>	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
	X VR1	Virology Culture	194		CZQ	Quality Cross Check, Chemistry and TDM	43
Eosinophils, urine	SCM2	Special Clinical Microscopy	155	Ethylene glycol	AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
Ephedrine	FTC	Forensic Toxicology, Criminalistics	106		AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103
	T	Toxicology	98	Ethyl glucuronide (EtG)	ETB	Ethanol Biomarkers	104
	UT	Urine Toxicology	98	Ethyl sulfate (EtS)	ETB	Ethanol Biomarkers	104
Epidermal growth factor receptor (EGFR)	EGFR	Mutation testing	251	Euglobulin Test	CGE/CGEX	Coagulation, Extended	163
	MTP	Multigene Tumor Panel	251				
Epinephrine	N/NX	Urine Chemistry, Special	70				
Epithelial cells, urine (semiquantitative)	UAA1	Automated Urinalysis	152				
Epstein-Barr virus (EBV)	ID1	Nucleic Acid Amp, Viruses	199				
	ISH	In Situ Hybridization	249				
	VLS, VLS2	Viral Load	196				

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Everolimus	EV	Everolimus	59
Factor II	CGE/CGEX	Coagulation, Extended	163
Factor II mutation	X TPM	Thrombophilia Mutations	246
	X MGL1	Molecular Genetics	243
Factor V	CGE/CGEX	Coagulation, Extended	163
Factor V Leiden mutation	X MGL1	Molecular Genetics	243
	X TPM	Thrombophilia Mutations	246
Factor VII	CGE/CGEX	Coagulation, Extended	163
Factor VIII	X CGE/CGEX	Coagulation, Extended	163
	X CGS3	Coag Special, Series 3	163-164
Factor VIII Inhibitor	CGE/CGEX	Coagulation, Extended	163
Factor IX	CGE/CGEX	Coagulation, Extended	163
Factor X	CGE/CGEX	Coagulation, Extended	163
Factor XI	CGE/CGEX	Coagulation, Extended	163
Factor XII	CGE/CGEX	Coagulation, Extended	163
Factor XIII	CGE/CGEX	Coagulation, Extended	163
Familial dysautonomia	X MGL4	Molecular Genetics	243
Fanconi anemia, complementation grp. C	X MGL4	Molecular Genetics	243
Fecal fat, qualitative	FCFS	Fecal Fat	76
Fecal lactoferrin	FLAC	Fecal Lactoferrin	182
Fentanyl	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Fern test (vaginal)	X CMMP, CMP3	Clinical Microscopy, Misc	149-150
Ferritin	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X K, KK, K2	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/ Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/ Lin	124
Fetal fibronectin	X FF	Fetal Fibronectin	88
Fetal hemoglobin (gastric fluid)	APT	Fetal Hemoglobin	153
Fetal hemoglobin identification	X HG	Hemoglobinopathy	145
Fetal lung maturity	X LM, LM1	Lung Maturity	77

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Fetal membrane rupture	ROM1	Rupture of Fetal Membrane	155
Fetal red cell quantitation	X HBF	Fetal Red Cell Detection	220
	TMCAF	Transfusion Medicine, Competency Assessment	222
Fetal screen (Rosette testing)	X HBF	Fetal Red Cell Detection	220
	TMCAF	Transfusion Medicine, Competency Assessment	222
Fibrin monomer	CGE/CGEX	Coagulation, Extended	163
<b>Fibrinogen</b>	X <b>CGL</b>	Coagulation, Limited	162
	CGLQ	Quality Cross Check, Coagulation, Limited	49
	LN44	Fibrinogen, Cal Ver/Lin	134, 169
Fibrinogen antigen	CGE/CGEX	Coagulation, Extended	163
Fibrinogen degradation products, plasma	CGDF	Coagulation, D-dimer/ FDP	162
	CGL	Coagulation, Ltd	162
	CGLQ	Quality Cross Check, Coagulation, Limited	49
Fibrinogen degradation products, serum	CGDF	Coagulation, D-dimer/ FDP	162
	CGL	Coagulation, Ltd	162
	CGLQ	Quality Cross Check, Coagulation, Limited	49
Fine-needle aspiration, digital slide program	FNA/FNA1	Online Digital Slide Program	274
Fine-needle aspiration, glass slides	FNAG/ FNAG1	Fine-Needle Aspiration	275
FISH for breast carcinoma hybridization and interpretation on site ( <i>HER2</i> gene amplification)	X CYH	Fluorescence In Situ Hybridization-Breast Cancer	239
FISH for brain/glioma	CYJ	Fluorescence In Situ Hybridization, Brain/ Glioma Tissue	239
FISH for constitutional and hematologic disorders	CYF	Fluorescence In Situ Hybridization	238
FISH for lymphoma	CYL	Fluorescence In Situ Hybridization, Lymphoma	239
FISH for paraffin-embedded tissue	CYH	Fluorescence In Situ Hybridization-Breast Cancer	239
	CYJ	Fluorescence In Situ Hybridization, Brain/ Glioma Tissue	239

Analyte/Procedure	LAP Program ENR Code	Description	Pg
FISH for paraffin-embedded tissue (cont.)	CYK	Fluorescence In Situ Hybridization, Sarcoma Tissue or Pediatric Neoplasm	239
	CYL	Fluorescence In Situ Hybridization, Lymphoma	239
FISH for sarcoma	CYK	Fluorescence In Situ Hybridization, Sarcoma Tissue or Pediatric Neoplasm	239
FISH for urothelial carcinoma hybridization and interpretation on-site	X CYI	Fluorescence In Situ Hybridization, Urothelial Carcinoma	238
Flunitrazepam	T	Toxicology	98
	UT	Urine Toxicology	98
Fluorescent microscope check	I	Instrumentation	135
Fluoxetine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Flurazepam	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Folate, RBC	X FOL	RBC Folate	90
Folate, serum	X K, KK, K2	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
Follicle-stimulating hormone (FSH)	LN8	Reproductive Endocrinology Cal Ver/Lin	126
	X Y/YY	Ligand Assay, Special	86
Fondaparinux	FNPX	Anticoagulant Monitoring, Fondaparinux	165
Forensic identity (DNA)	FID, FIDM	Forensic Identity	278
Forensic pathology	FR/FR1	Forensic Pathology	279
Forensic toxicology	FTC	Forensic Toxicology, Criminalistics	106
Fragile X	X MGL1	Molecular Genetics	243
Free Beta hCG	FP1B	First Trimester Maternal Screening, Free Beta	89
Free testosterone	X DY	Ligand Assay, Special	86
Friedreich ataxia	X MGL2	Molecular Genetics	243
Fructosamine	FT	Fructosamine	76

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Fungal culture	CBT	Cord Blood Testing	223
	SCP	Stem Cell Processing	223
Fungal serology	FSER	Fungal Serology	188
<b>Fungus identification</b>	X F	Mycology and Aerobic Actinomycetes	187
	X F1	Yeast	187
	X F3	Candida culture	188
Gabapentin	ZE	Therapeutic Drug Monitoring, Extended	60
Galactomannan	FGAL	Galactomannan	188
Gamma globulin	M, OL1	CSF Chemistry	75
	SPE	Serum Electrophoresis	77
Gamma glutamyl transferase (GGT)	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
Gamma hydroxybutyrate	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
<b>Gardnerella vaginalis, DNA Probe</b>	X VS	Vaginitis Screen	185
Gastric occult blood	GOCB	Gastric Occult Blood	153
Gastric pH	GOCB	Gastric Occult Blood	153
Gastrin	X ING	Insulin, Gastrin, C-Peptide, PTH	88
Gaucher disease	X MGL4	Molecular Genetics	243
Genomic copy number array	CYCGH	Constitutional Microarray Analysis	240
<b>Gentamicin</b>	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123–124
Giardia	GIP	Gastrointestinal Panel	201
<b>Giardia immunoassay, preserved specimen</b>	X P, P3, P4, P5	Parasitology	190
<b>Giemsa stain</b>	X BP	Blood Parasite	191
	X P	Parasitology	190
Glioma by FISH	CYJ	Fluorescence In Situ Hybridization, Brain/Glioma Tissue	239

Analyte/Procedure	LAP Program ENR Code	Description	Pg	
<b>Glucose</b>	X	<b>AQ2, AQ4</b>	Aqueous Blood Gas	94
		AQ2Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X	<b>C1, C3, C3X, C4, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	73
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	136
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
		LN13C	Blood Gas Cal Ver/Lin	127
Glucose, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	75
Glucose, urine	X	CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	67
		LN6	Urine Chemistry Cal Ver/Lin	125
		POC3	POC Urine Dipstick Competency	52
	X	U	Urine Chemistry, General	69
Glucose, vitreous fluid		VF	Vitreous Fluid, Post-mortem	103
Glucose, whole blood	X	HCC	Waived Combination	67
		HCC2	Waived Combination	67
	X	LCW	Ltd Chem, Waived	65
		LN17	Whole Blood Glucose Cal Ver/Lin	128
		POC2	POC Glucose Competency	52
		POC7	POC/Waived Glucose and Hemoglobin Competency	52
		WBGQ	Quality Cross Check-Whole Blood Glucose	43
Glucose-6-phosphate dehydrogenase (qualitative and quantitative)		G6PDS	Glucose-6 Phosphate Dehydrogenase	76

Analyte/Procedure	LAP Program ENR Code	Description	Pg	
Glutaraldehyde, urine		DAI	Urine Drug Adulterant/Integrity Testing	100
Glycated Serum albumin		GSA	Glycated Serum Albumin	64
Glycogen storage disease type 1A	X	MGL4	Molecular Genetics	243
Glycohemoglobin	X	GH2, GH5, GH5I	Hemoglobin A <sub>1c</sub>	63–64
		GHQ	Quality Cross Check, Hemoglobin A <sub>1c</sub>	44
		LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	128
Glycosaminoglycans (mucopolysaccharides)		BGL	Biochemical Genetics	241
<b>Gram stain</b>	X	<b>D</b>	Bacteriology	174
	X	<b>D2, D3, D7</b>	Throat, Urine, GC Cultures	176
	X	<b>D4</b>	Bacteriology, Ltd	176
	X	<b>D5</b>	Gram Stain	178
	X	<b>MC1</b>	Microbiology Combination with GC	177
	X	<b>MC2</b>	Microbiology Combination	177
	X	<b>MC5</b>	Throat Culture/Rapid Strep	178
		VGS1	Virtual Gram Stain Basic	179
		VGS2	Virtual Gram Stain Advanced	179
		VS2	Vaginitis Screen, Virtual Gram stain	185
<b>Group A Streptococcus antigen detection</b>	X	<b>D</b>	Bacteriology	174
	X	<b>D4</b>	Bacteriology, Ltd	176
	X	<b>D6</b>	Rapid Group A Strep	179
	X	D9	Rapid Group A Strep, Waived	179
	X	<b>MC1</b>	Microbiology Combination with GC	177
	X	<b>MC2</b>	Microbiology Combination	177
	X	<b>MC4</b>	Urine Colony Count Combination	177
	X	<b>MC5</b>	Throat Culture/Rapid Strep	178
		POC4	POC Strep Screen Competency	52
<b>Group B Streptococcus</b>	X	<b>D8</b>	Group B Strep	180
Growth hormone	X	Y/YY	Ligand Assay, Special	86
<b>Gyn cytopathology</b>			See Cytopathology GYN proficiency testing	

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Gyn cytopathology education		See Cytopathology GYN education	
<i>Haemophilus influenzae</i>	IDME	Meningitis/Encephalitis Panel	200
Haptoglobin	X IG/IGX	Immunology, General	204
	X S2/S4	Immunology, Special	205
<b>HBeAg</b>	X <b>VM2</b>	Viral Markers-Series 2	226
<b>HBsAg</b>	X <b>VM1</b>	Viral Markers-Series 1	226
HBV	X HBVL, HBVL5	Hepatitis Viral Load	196
	X NAT	Nucleic Acid Testing	228
HCV	X HCV2	Hepatitis Viral Load, Genotyping and Qualitative	196
	LN45	HCV Viral Load Cal Ver/Lin	133
	X NAT	Nucleic Acid Testing	228
<b>HDL cholesterol</b>	ABL	Accuracy-Based Lipid	112
	X <b>C1, C3, C3X, C4, CZ, CZ3X, CZX</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X LCW	Ltd Chem, Waived	65
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
Heavy chain/light chain analysis	HCA	Heavy Chain/Light Chain Analysis	209
<b>Helicobacter pylori</b>	X <b>HPS</b>	<i>H. pylori</i> Antigen, Stool	182
	X S2, S4	<i>H. pylori</i> IgG Antibody	205
	X S5	<i>H. pylori</i> IgG Antibody	205
	X VR3	<i>H. pylori</i> IgG Antibody	202
<b>Hematocrit</b>	X <b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	CBT	Cord Blood Testing	223
	X <b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	141

Analyte/Procedure	LAP Program ENR Code	Description	Pg	
<b>Hematocrit (cont.)</b>		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X <b>FH15</b>	Centrifugal Hematology	142	
	X HCC2	Waived Combination	67	
	X <b>HE, HEP</b>	Basic Hematology	140	
		POC10, POC11	POC Competency Blood Gases	53
		SCP	Stem Cell Processing	223
	X <b>SO</b>	Blood Oximetry	96	
		SOQ	Quality Cross Check, Blood Oximetry	46
Hematology case studies		EHE1	Expanded Virtual Peripheral Blood Smear	147
		BMD	Bone Marrow Cell Differential	144
		VPBS	Virtual Peripheral Blood Smear	147
Hematopathology online education		HPATH, HPATH1	Hematopathology Online Education	148
Hemochromatosis	X MGL1	Molecular Genetics	243	
Hemocytometer fluid count	X HFC, HFCI	Hemocytometer Fluid Count	153–154	
<b>Hemoglobin</b>		CBT	Cord Blood Testing	223
	X <b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	141	
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X <b>FH15</b>	Centrifugal Hematology	142	
	X HCC	Waived Combination	67	
	X HCC2	Waived Combination	67	
	X <b>HE, HEP</b>	Basic Hematology	140	
		LN9	Hematology Cal Ver/Lin	126
		POC7	POC/Waived Glucose and Hemoglobin Competency	52
		SCP	Stem Cell Processing	223
	X <b>SO</b>	Blood Oximetry	96	
		SOQ	Quality Cross Check, Blood Oximetry	46
Hemoglobin electrophoresis	X HG	Hemoglobinopathy	145	

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Hemoglobin, estimated</b>	X <b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	POC10, POC11	POC Competency Blood Gases	53
Hemoglobin, plasma	PHG	Plasma Hemoglobin	77
Hemoglobin, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Hemoglobin A <sub>1c</sub>	X GH2, GH5, GH5I	Hemoglobin A <sub>1c</sub>	63–64
	GHQ	Quality Cross Check, Hemoglobin A <sub>1c</sub>	44
	LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	128
Hemoglobin A2 (quantitation)	X HG	Hemoglobinopathy	145
Hemoglobin F (quantitation)	X HG	Hemoglobinopathy	145
Hemoglobin S/C	X HGM	Hemoglobinopathies Genotyping	242
	X MGL2	Molecular Genetics	243
Hemolytic complement, total	CH50	Total Hemolytic Complement	210
Hemosiderin, urine	SCM1	Special Clinical Microscopy	155
Heparin assay	CGS4	Coag Special, Series 4	163–164
Heparin-induced thrombocytopenia	CGE/CGEX	Coagulation, Extended	163
	CGS5	Coag, Special, HIT	163–164
	CGS6	Coagulation Special	163–164
	CGS8	Coag. Special HIT	163–164
Heparin, low molecular weight	LN36	Heparin Cal Ver/Lin	132
Heparin, unfractionated	LN36	Heparin Cal/Ver Lin	132
Heparin/platelet Factor IV	CGS5	Coag, Special, HIT	163–164
	CGS6	Coagulation Special	163–164

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Hepatitis B virus	X HBVL, HBVL5	Hepatitis Viral Load	196
Hepatitis C virus	X HCV2	Hepatitis Viral Load, Genotyping and Qualitative	196
	LN45	HCV Viral Load Cal Ver/Lin	133, 197
HER2, gastric	GHER2	Gastric HER2	266
HER2 gene amplification by ISH	X ISH2	In Situ Hybridization	249
HER2 gene amplification by FISH, hybridization and interpretation on site	X CYH	Fluorescence In Situ Hybridization-Breast Cancer	239
HER2 by immunohistochemistry	X HER2	HER2 by Immunohistochemistry	266
HER2 by molecular testing	MTP	Multigene Tumor Panel	251
<b>Herpes simplex virus (HSV)</b>	X <b>HC2</b>	HSV by DFA	195
	X <b>HC4</b>	HSV Culture	195
	ID1	Nucleic Acid Amp, Viruses	199
	IDME	Meningitis/Encephalitis Panel	200
	X <b>VR1</b>	Virology Culture	194
	X <b>VR2</b>	Viral Antigen by DFA	194
	X VR3	Antibody Detection-Infectious Disease Serology	202
HHV6	ID1	Nucleic Acid Amp, Viruses	199
	IDME	Meningitis/Encephalitis Panel	200
	VLS2	Viral Load	196
HHV8	ID1	Nucleic Acid Amp, Viruses	199
High molecular weight kininogen	CGE/CGEX	Coagulation, Extended	163
High-sensitivity C-reactive protein	X HSCRCP	hsCRP	65
	LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	129
Histotechnology quality improvement	HQIP, HQIPBX, HQBX1, HQBX2, HQBX3, HQIHC	HistoQIP	261–263
HIV	X HIVG, HV2	HIV Viral Load	196
	LN39	HIV Viral Load Cal Ver/Lin	133, 197
	X NAT	Nucleic Acid Testing	228

Analyte/Procedure	LAP Program ENR Code	Description	Pg
HIV genotyping	HIVG	HIV Viral Genotyping	196
HIV-1 p24 antigen	X VM3	Viral Markers-Series 3	226
HIV-1 p24 antigen, <b>Anti HIV 1/2</b>	X <b>VM6</b>	Viral Markers-Series 6	227
HLA-A, -B, -C antibody identification	X MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	232-233
	X MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	232-233
HLA-(Class I/II) crossmatching	X MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	232-233
	X MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	232-233
HLA-(Class I/II) antibody screen	MX1B, MX1C, MX1E, MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class I/II	232-233
HLA-A, -B, -C typing (serologic)	X HLAS, HLAS1	HLA Serologic Typing	233
HLA-B*1502	PGX2	Pharmacogenetics	245
HLA-B27 typing	X B27	HLA-B27 Typing	234
HLA-B*5701	PGX2	Pharmacogenetics	245
	DADR1	Disease Association, Drug Risk	235
HLA-B*57:01	DADR1	Disease Association, Drug Risk	235
HLA-B*58:01	DADR1	Disease Association, Drug Risk	235
HLA-DQA1*03/DQB1*03:02	DADR2	Disease Association, Drug Risk	235
HLA-DQA1*05/DQB1*02	DADR2	Disease Association, Drug Risk	235
HLA-DR, -DQ typing (serologic)	X HLAS	HLA Serologic Typing	233
HLA molecular typing	X DL, DML, ML	HLA Molecular Typing	233
Homocysteine	X HMS	Homocysteine	65
	LN16	Homocysteine Cal Ver/Lin	128
Homovanillic acid	X N/NX	Urine Chemistry, Special	70
<b>HPV (cytopathology), high-risk</b>	X <b>CHPVD</b>	Digene Specimen Transport Medium	271

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>HPV (cytopathology), high-risk (cont.)</b>	X <b>CHPVJ</b>	Mixed Medium	271
	X <b>CHPVK</b>	SurePath Preservative Fluid Transport Medium	271
	X <b>CHPVM</b>	ThinPrep PreservCyt Transport Medium	271
	HPV	Digene Hybrid Capture Technology Only	198
	ISH	In Situ Hybridization	249
<b>HSV</b>	X <b>HC2</b>	HSV by DFA	195
	X <b>HC4</b>	HSV Culture	195
	ID1	Nucleic Acid Amp, Viruses	199
	X <b>VR1</b>	Virology Culture	194
	X <b>VR2</b>	Viral Antigen by DFA	194
	X VR3	Antibody Detection-Infectious Disease Serology	202
<b>Human chorionic gonadotropin (hCG), serum</b>	X <b>C1, C3, C3X, C4, CZ, CZ2X, CZX</b>	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>FP/FPX, FP1T</b>	Maternal Screen	89
	X <b>HCG, IL</b>	Immunology	204
	X <b>K/KK</b>	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
	LN8	Reproductive Endocrinology Cal Ver/Lin	126
	SCO	Serum Carryover	137
Human chorionic gonadotropin (hCG), urine (qualitative)	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC1	POC hCG Competency	52
	POC3	POC Urine Dipstick Competency	52
	X UHCG	Urine HCG	156
Human epididymis protein 4	HUEP	Human Epididymis Protein 4	91
Human herpesvirus 6	ID1	Nucleic Acid Amp, Viruses	199
	IDME	Meningitis/Encephalitis Panel	200



Analyte/Procedure	LAP Program ENR Code	Description	Pg
Human herpesvirus 6 (cont.)	VLS2	Viral Load	196
Human herpesvirus 8	ID1	Nucleic Acid Amp, Viruses	199
Human immunodeficiency virus (HIV)	X HIVG, HV2	HIV Viral Load	196
	HIVG	HIV Genotyping	196
	LN39	HIV Viral Load Cal Ver/Lin	133, 197
<b>Human metapneumovirus</b>	ID2	Nucleic Acid Amp, Respiratory	199
	X IDR	Infectious Disease, Respiratory Panel	200
<b>Human papillomavirus (cytology) high-risk</b>	X CHPVD	Digene Specimen Transport Medium	271
	X CHPVJ	Mixed Medium	271
	X CHPVK	SurePath Preservative Fluid Transport Medium	271
	X CHPVM	ThinPrep PreservCyt Transport Medium	271
	HPV	Digene Hybrid Capture Technology Only	198
	ISH	In Situ Hybridization	249
Human papillomavirus (cytology) high-risk genotyping	CHPVJ	Mixed Medium	271
	CHPVM	ThinPrep PreservCyt Transport Medium	271
Human parechovirus	IDME	Meningitis/Encephalitis Panel	200
Huntington disease	X MGL2	Molecular Genetics	243
Hydrocodone	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Hydromorphone	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Hydromorphone (cont.)	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Hydroxyzine	T	Toxicology	98
	UT	Urine Toxicology	98
Ibuprofen	T	Toxicology	98
	UT	Urine Toxicology	98
IDH1	GLI	Glioma	251
IDH2	GLI	Glioma	251
<b>IgA</b>	X IG/IGX	Immunology, General	204
	LN7	Immunology Cal Ver/Lin	125
IgA, electrophoresis	X SPE	Protein Electrophoresis	77
IgA kappa and lambda	HCA	Heavy Chain/Light Chain Analysis	209
IgD	S2, S4	Immunology, Special	205
<b>IgE</b>	X IG/IGX	Immunology, General	204
	X K/KK	Ligand Assay, General	84
	X SE	Diagnostic Allergy	209
	SE	Diagnostic Allergy	209
IgE allergen-specific, quantitative		Diagnostic Allergy	209
IgE multi-allergen screen	X SE	Diagnostic Allergy	209
IGF-1 (somatomedin C)	X BGS	Bone and Growth	87
	X Y/YY	Ligand Assay, Special	86
<b>IgG</b>	X IG/IGX	Immunology, General	204
	LN7	Immunology Cal Ver/Lin	125
	S2, S4	Immunology, Special	205
IgG, electrophoresis	X SPE	Protein Electrophoresis	77
IgG, CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
IgG subclass proteins	S2, S4	Immunology, Special	205
<b>IgM</b>	X IG/IGX	Immunology, General	204
	LN7	Immunology Cal Ver/Lin	125
IgM, electrophoresis	X SPE	Protein Electrophoresis	77
IIb/IIIa assay	PIA, PIAX	Drug-Specific Platelet Aggregation	170
IL-2	CTKN	Cytokines	208
IL-6	CTKN	Cytokines	208
IL-8	CTKN	Cytokines	208
IL-10	CTKN	Cytokines	208
IL28B	PGX1	Pharmacogenetics	245
Imipramine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
	X ZT, ZZT	TDM, Special	60

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Immature granulocyte parameter	FH9, FH9P	Hematology, Auto Diff	141
Immunohistochemistry	BRAFV	BRAF V600E	264
	GHER2	Gastric HER2	266
	X HER2	HER2 by Immunohistochemistry	266
	MK	Immunohistochemistry	264
	MMR	DNA Mismatch Repair	264
	PDL1	PDL1	264
	PM1	CD117 by Immunohistochemistry	265
	X PM2	ER, PR by Immunohistochemistry	266
	PM3	CD20 by Immunohistochemistry	265
	PM5	Immunohistochemistry TMA	265
	PM6	Anaplastic Lymphoma Kinase IHC	265
India ink	IND	India Ink	189
<b>Infectious mononucleosis (IM)</b>	X <b>IL, IM</b>	Immunology	204
	X IMW	Infectious Mononucleosis, Waived	205
<b>Influenza virus</b>	ID2	Nucleic Acid Amp, Resp	199
	ID3	Influenza A, Influenza B, RSV by NAA	199
	X <b>IDR</b>	Infectious Disease, Respiratory Panel	200
	POC8	POC Influenza A/B Ag	52
	X <b>VR1</b>	Virology Culture	194
	X <b>VR2</b>	Viral Antigen Detection by DFA	194
	X <b>VR4</b>	Viral Antigen Detection by EIA and Latex	195
In situ hybridization	X ISH	In Situ Hybridization	249
	X ISH2	In Situ Hybridization HER2	249
Instrument function	I	Instrumentation	135
Instrument linearity	I	Instrumentation	135
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
	LN3	TDM Cal Ver/Lin	123–124
	LN5	Ligand Assay Cal Ver/Lin	124

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Instrument linearity (cont.)	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
	LN6	Urine Chemistry Cal Ver/Lin	125
	LN7	Immunology Cal Ver/Lin	125
	LN8	Reproductive Endocrinology Cal Ver/Lin	126
	LN9	Hematology Cal Ver/Lin	126
	LN11	Serum Ethanol Cal Ver/Lin	126
	LN12, LN12E	C-Reactive Protein Cal Ver/Lin	127
	LN13	Blood Gas Cal Ver/Lin	127
	LN13C	Blood Gas Cal Ver/Lin	127
	LN14	Whole Blood Ethanol Cal Ver/Lin	128
	LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	128
	LN16	Homocysteine Cal Ver/Lin	128
	LN17	Whole Blood Glucose Cal Ver/Lin	128
	LN18, LN19	Reticulocyte Cal Ver/Lin	129
	LN20	Urine Albumin Cal Ver/Lin	129
	LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	129
	LN22	Flow Cytometry Cal Ver/Lin	130
	LN23	PSA Cal Ver/Lin	130
	LN24	Creatinine Accuracy Cal Ver/Lin	130
	LN25	Troponin I Cal Ver/Lin	131
	LN27	Troponin T Cal Ver/Lin	131
	LN30	BNP Cal Ver/Lin	131
	LN31	Immunosuppressive Drugs Cal Ver/Lin	131
	LN32	Ammonia Cal Ver/Lin	131
	LN33	Serum Myoglobin Cal Ver/Lin	132
	LN34	Tumor Markers Cal Ver/Lin	132
	LN35	Thrombophilia Cal Ver/Lin	132
	LN36	Heparin Cal Ver/Lin	132
	LN37	von Willebrand Factor Ag Cal Ver/Lin	132

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Instrument linearity (cont.)	LN38	CMV viral load Cal Ver/Lin	133
	LN39	HIV Viral Load Cal Ver/Lin	133
	LN40	Vitamin D Cal Ver/Lin	133
	LN41	Procalcitonin Cal Ver/Lin	133
	LN42	D-Dimer Cal Ver/Lin	134
	LN43	Lamellar Body Count Cal Ver/Lin	134
	LN44	Fibrinogen Cal Ver/Lin	134
	LN45	HCV Viral Load Cal Ver/Lin	133
Insulin	X ING	Insulin, Gastrin, C-Peptide, PTH	88
Interferon (IFN) gamma	CTKN	Cytokines	208
Interleukin (IL)-1 beta	CTKN	Cytokines	208
International normalized ratio (INR)	X CGB	Basic Coagulation	162
	X CGL	Coagulation, Ltd	162
	CGE/CGEX	Coagulation, Extended	163
	CGLQ	Quality Cross Check, Coagulation, Limited	49
	CGS1	Coag Special, Series 1	163-164
	CGS4	Coag Special, Series 4	163-164
	POC6	POC PT/INR, CoaguChek XS Plus	52
	X WP3, WP4, WP6, WP9	Whole Blood Coagulation	169
	WP10	Whole Blood Coagulation	169
Ionized calcium	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X C3, CZ, CZX	Chemistry and TDM	56-58
	POC10, POC11	POC Competency Blood Gases	53
Iron	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Iron (cont.)	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Isopropanol	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
	X AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103
JC virus	ID1T	Nucleic Acid Amp, JC and BK	199
Jo-1 (antihistidyl t-RNA synthetase)	RDS	Rheumatic Disease Special	210
Kaolin-activated APTT	CGE/CGEX	Coagulation, Extended	163
Kaolin-activated CT	CGE/CGEX	Coagulation, Extended	163
Kappa/Lambda	X ISH	In Situ Hybridization	249
Kappa/Lambda ratio	IG/IGX	Immunology, General	204
	S2, S4	Immunology, Special	205
Free Kappa/Lambda ratio	SFLC	Serum Free Light Chains	211
Karyotype nomenclature	X CY, CYBK	Cytogenetics	238
Ketamine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Ketones, serum	KET	Ketones	65
Ketones, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Kidney stone assessment	KSA	Kidney Stone Assessment	70
KIT	KIT	KIT/PDGFRA	251
	MTP	Multigene Tumor Panel	251
KOH prep (skin or vaginal)	X CMMP, CMP3	Clinical Microscopy, Misc	149-150
	FSM	Fungal Smear	189
KRAS	KRAS	Colorectal Cancer Mutation	251
	MTP	Multigene Tumor Panel	251
Laboratory preparedness exercise	LPX	Laboratory Preparedness Exercise	183
Lacosamide	ZE	Therapeutic Drug Monitoring, Extended	60

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Lactate	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	POC10, POC11	POC Competency Blood Gases	53
	LN13C	Blood Gas Cal Ver/Lin	127
Lactate, CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
<b>Lactate dehydrogenase (LD)</b>	X <b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
	SCO	Serum Carryover	137
Lactate dehydrogenase (LD), CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
Lamellar body count	LBC	Lamellar Body Count	154
	LN43	Lamellar Body Count Cal Ver/Lin	134
Lamotrigine	T	Toxicology	98
	UT	Urine Toxicology	98
	ZE	Therapeutic Drug Monitoring, Extended	60
Large unclassified cells (LUC)	FH4, FH4P	Hematology, Auto Diff	141
<b>LD isoenzymes</b>	X <b>CRTI</b>	Cardiac Markers	63
<b>LD1/LD2 ratio</b>	X <b>CRTI</b>	Cardiac Markers	63
LDL cholesterol	ABL	Accuracy-Based Lipid	112

Analyte/Procedure	LAP Program ENR Code	Description	Pg
LDL cholesterol, calculated	C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56–58
LDL cholesterol, measured	X C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
LDL cholesterol, waived	X LCW	Ltd Chem, Waived	65
<b>Lead (blood)</b>	X <b>BL</b>	Blood Lead	104
Lead, urine	TMU	Trace Metals, Urine	105
Lecithin:sphingomyelin (L:S) ratio	LM, LM1	Lung Maturity	77
<i>Legionella</i>	LBAS	<i>Legionella</i> Ag	180
<i>Legionella pneumophila</i>	IDN, IDO, IDR	Nucleic Acid Amp, Organisms	198, 200
Leukemia/lymphoma immunophenotype	FL3	Flow Cytometry	212
Leukemia/lymphoma interpretation only	FL5	Flow Cytometry Interpretation Only	213
Leukocyte esterase, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Leukocyte-reduced platelets	TRC	Transfusion-Related Cell Count	219
Leukocyte-reduced RBC	TRC	Transfusion-Related Cell Count	219
Leukocyte, stool, Wright-Giemsa	X CMMP, CMP3	Clinical Microscopy, Misc	149–150
Levetiracetam	T	Toxicology	98
	UT	Urine Toxicology	98
	ZE	Therapeutic Drug Monitoring, Extended	60
Lidocaine	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123–124
	T	Toxicology	98
	UT	Urine Toxicology	98
Lipase	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Lipase (cont.)	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD2	Body Fluid Chemistry 2	74
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
<b>Lipids</b>	ABL	Accuracy-Based Lipid	112
	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Lipoprotein (a)	X ABL	Accuracy-Based Lipid	112
	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Lipoprotein-associated phospholipase	PLA	Lp-PLA <sub>2</sub>	76
Lipoprotein electrophoresis	LPE	Lipoprotein Electrophoresis	77
<i>Listeria monocytogenes</i>	IDME	Meningitis/Encephalitis Panel	200
<b>Lithium</b>	X C1, C3, C3X, CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123-124
Liver-kidney microsomal antibody	LKM	Liver-Kidney Microsomal Antibody	210
Lorazepam	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Lorazepam glucuronide	DMPM	Drug Monitoring for Pain Management	108
Lupus anticoagulant (screen, conf)	CGE/CGEX	Coagulation, Extended	163
	CGS1	Coag Special, Series 1	163-164
Luteinizing hormone (LH)	LN8	Reproductive Endocrinology Cal Ver/Lin	126
	X Y/YY	Ligand Assay, Special	86
Lyme disease	TTD	Tick-Transmitted Disease	202
Lymphocyte immunophenotyping	X FL, FL1	Flow Cytometry	212
Lymphoma by FISH	CYL	Fluorescence In Situ Hybridization, Lymphoma	239
Lysergic acid diethylamide (LSD)	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
<b>Magnesium</b>	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Magnesium, ionized	X AQ, AQ2	Aqueous Blood Gas	94
	AQQ, AQ2Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	POC10, POC11	POC Competency Blood Gases	53
Magnesium, urine	X U	Urine Chemistry, General	69
Malaria	RMAL	Rapid Malaria	191
Manganese	R	Trace Metals	79
	TMU	Trace Metals, Urine	105
Maprotiline	T	Toxicology	98
	UT	Urine Toxicology	98
MCAD	X IMD2	MCAD	244

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
MCH	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141	Meprobamate	DFC	Drug-Facilitated Crime	109
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47		DMPM	Drug Monitoring for Pain Management	108
	HE, HEP	Basic Hematology	140		FTC	Forensic Toxicology, Criminalistics	106
MCHC	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141		T	Toxicology	98
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47		UT	Urine Toxicology	98
	HE, HEP	Basic Hematology	140	Metabolic disease testing	BGL	Biochemical Genetics	241
MCV	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141	Metanephrine	X N/NX	Urine Chemistry, Special	70
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47	Methadone	DFC	Drug-Facilitated Crime	109
	HE, HEP	Basic Hematology	140		DMPM	Drug Monitoring for Pain Management	108
MECP2 deletion/duplication analysis	RETT	RETT Syndrome Genotyping	245		FTC	Forensic Toxicology, Criminalistics	106
MECP2 genotyping	X RETT	RETT Syndrome Genotyping	245		OFD	Oral Fluid for Drugs of Abuse	102
Mercury, urine	TMU	Trace Metals, Urine	105		T	Toxicology	98
MEN2	X MGL3	Molecular Genetics	243		UDC	Forensic Urine Drug Testing, Confirmatory	101
Meperidine	DFC	Drug-Facilitated Crime	109		UDS, UDS6	Urine Drug Screen	100
	DMPM	Drug Monitoring for Pain Management	108		UT	Urine Toxicology	98
	FTC	Forensic Toxicology, Criminalistics	106	Methadone metabolite (EDDP)	DFC	Drug-Facilitated Crime	109
	T	Toxicology	98		DMPM	Drug Monitoring for Pain Management	108
	UT	Urine Toxicology	98		FTC	Forensic Toxicology, Criminalistics	106
Mephedrone	T	Toxicology	98		T	Toxicology	98
	UT	Urine Toxicology	98		UDC	Forensic Urine Drug Testing, Confirmatory	101
					UDS, UDS6	Urine Drug Screen	100
					UT	Urine Toxicology	98
				Methamphetamine	DFC	Drug-Facilitated Crime	109
					DMPM	Drug Monitoring for Pain Management	108
					FTC	Forensic Toxicology, Criminalistics	106
					OFD	Oral Fluid for Drugs of Abuse	102
					T	Toxicology	98
					UDC	Forensic Urine Drug Testing, Confirmatory	101
					UDS, UDS6	Urine Drug Screen	100
					UT	Urine Toxicology	98
				Methanol	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
					X AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Methaqualone	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UDS, UDS6	Urine Drug Screen	100
Methemoglobin	X SO	Blood Oximetry	96
	SOQ	Quality Cross Check, Blood Oximetry	46
<b>Methicillin-resistant Staphylococcus aureus (MRSA)</b>	BCS1	Blood Culture <i>Staphylococcus aureus</i>	181
	IDN, IDO	Nucleic Acid Amp, Organisms	198
	MRS	Methicillin-Resistant <i>S. aureus</i>	183
	X <b>MRS5</b>	Methicillin-Resistant <i>S. aureus</i>	183
Methotrexate	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Methylenedioxy-amphetamine (MDA)	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Methylenedioxyethyl-amphetamine (MDEA)	OFD	Oral Fluid for Drugs of Abuse	102
	UDC	Forensic Urine Drug Testing, Confirmatory	101
Methylenedioxymeth-amphetamine (MDMA)	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Methylenedioxy-pyrovalerone (MDPV)	T	Toxicology	98
	UT	Urine Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Methylenetetrahydrofolate reductase (MTHFR)	X MGL1	Molecular Genetics	243
Methylphenidate	T	Toxicology	98
	UT	Urine Toxicology	98
Metoprolol	T	Toxicology	98
	UT	Urine Toxicology	98
MGMT	GLI	Glioma	251
Microalbumin, urine	LN20	Urine AlbuminCal Ver/Lin	129
	X U	Urine Chemistry	69
	X UMC	Urine Albumin (Microalbumin)/Creatinine	156
Microsatellite instability	MSI	Microsatellite Instability	249
Microtiter plate reader linearity	I	Instrumentation	135
Minimal residual disease	MRD	Minimal Residual Disease, <i>BCR/ABL1</i> p210	252
	X MRD1	Minimal Residual Disease, <i>BCR/ABL1</i> p190	252
	MRD2	Minimal Residual Disease, <i>PML/RARA</i>	252
Mirtazapine	T	Toxicology	98
	UT	Urine Toxicology	98
Mite identification	TMO	Ticks, Mites, and Other Arthropods	192
Mitochondrial cytopathies	X IMD3	Mitochondrial cytopathies	244
Mitochondrial DNA deletion syndromes	X IMD1	Mitochondrial DNA Deletion Syndromes	244
Mitochondrial DNA, forensic	FIDM	Forensic Identity	278
Mixing studies, PT	CGE/CGEX	Coagulation, Extended	163
Mixing studies, APTT	CGE/CGEX	Coagulation, Extended	163
	CGS1	Coag Special, Series 1	163–164
<i>MLH1</i> promoter methylation analysis	MSI	Defective DNA Mismatch Repair/Hereditary Nonpolyposis Colorectal Cancer (HNPCC)	249
Modified acid-fast stain	X P, P3, P4, P5	Parasitology	190
<b>Mold identification</b>	X F	Mycology and Aerobic Actinomycetes	187

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Molecular genetics	X MGL1, MGL2, MGL3, MGL4, MGL5	Molecular Genetics	243
Molecular HLA typing	X DL, DML, ML	HLA Molecular Typing	233
Molecular hematologic oncology	MHO, MHO1, MHO2, MHO3, MHO5	Molecular Hematologic Oncology	249, 252
Molecular typing	IDN, IDO	Nucleic Acid Amp, Organisms	198
Monitoring engraftment	X ME	Monitoring Engraftment	234
Mononuclear cell count	CBT	Cord Blood Testing	223
	SCP	Stem Cell Processing	223
Morphine	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
M-protein (paraprotein) identification	X SPE	Protein Electrophoresis	77
MPV	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	HE, HEP	Basic Hematology	140
<b>MRSA</b>	BCS1	Blood Culture <i>Staphylococcus aureus</i>	181
	IDN, IDO	Nucleic Acid Amp, Organisms	198
	MRS	Methicillin-Resistant <i>S. aureus</i>	183
	X <b>MRS5</b>	Methicillin-Resistant <i>S. aureus</i>	183
Mucopolipidosis IV	X MGL4	Molecular Genetics	243
Mucopolysaccharide (Glycosaminoglycan)	X BGL	Biochemical Genetics	241

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Multiple endocrine neoplasia type 2 (MEN2)	X MGL3	Molecular Genetics	243
Mumps-IgG	VR3M	Virology	202
<b>Mycobacterial culture</b>	X <b>E1</b>	Mycobacteriology, Ltd	186
<b>Mycobacterial identification</b>	X <b>E</b>	Mycobacteriology	186
<i>Mycobacterium tuberculosis</i>	IDO	Nucleic Acid Amp, Organisms	198
<i>Mycobacterium tuberculosis</i> antibody detection	QF	<i>M. tuberculosis</i> Infection Detection	210
<i>Mycobacterium tuberculosis</i> identification and resistance detection	MTBR	Molecular MTB Identification and Resistance Detection	186
Mycophenolic acid	X MPA	Mycophenolic Acid	60
<i>Mycoplasma pneumoniae</i>	IDN, IDO, IDR	Nucleic Acid Amp, Organisms	198, 200
	VR3	Antibody Detection-Infectious Disease Serology	202
Myoglobin	X CRT, CRTI	Cardiac Markers	63
	LN33	Serum Myoglobin Cal Ver/Lin	132
	X PCARM, PCARMX	Plasma Cardiac Markers	66
	POC12	Competency Plasma Cardiac Markers	53
Myoglobin, urine	MYG	Myoglobin, Urine	70
Myotonic dystrophy	X MGL2	Molecular Genetics	243
<b>N-acetylprocainamide (NAPA)</b>	X <b>CZ, CZ2X, CZX, Z</b>	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123-124
N-desmethyltramadol	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Naproxen	T	Toxicology	98
	UT	Urine Toxicology	98
Nasal smears, eosinophil	X CMMP, CMP3	Clinical Microscopy, Misc.	149-150
<b>Neisseria gonorrhoeae</b>	X <b>D3</b>	GC Cultures	176
	X <b>D4</b>	Bacteriology, Ltd	176
	X <b>HC6/HC6X</b>	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	197
	X <b>HC7</b>	<i>C. trachomatis</i> /GC DNA by NAA	197



Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b><i>Neisseria gonorrhoeae (cont.)</i></b>	X MC1	Microbiology Combination with GC	177
<i>Neisseria meningitidis</i>	IDME	Meningitis/Encephalitis Panel	200
Neoplastic cellularity	NEO	Neoplastic Cellularity	250
Neoplastic disorder by FISH	CYF	Fluorescence In Situ Hybridization	238
Neuropathology	NP/NP1	Neuropathology Program	268
Neutral fats	FCFS	Fecal Fat	76
Next-generation sequencing	NGS	Next-Generation Sequencing	247
	NGSB1	NGS Bioinformatics for Illumina Platforms	248
	NGSB2	NGS Bioinformatics for Ion Torrent Platforms	248
	NGSST	Next Generation Sequencing, Solid Tumor	247
	NGSHM	Next Generation Sequencing Hematologic Malignancies	248
Nicotine	NTA	Nicotine and Tobacco Alkaloids	104
	T	Toxicology	98
	UT	Urine Toxicology	98
Niemann-Pick type A/B	X MGL4	Molecular Genetics	243
Nitrite, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	DAI	Urine Drug Adulterant/ Integrity Testing	100
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Nitrogen, total, urine	U	Urine Chemistry, General	69
Nongynecologic cytopathology	FNA/FNA1	Fine-Needle Aspiration-Digital	274
	FNAG/FNAG1	Fine-Needle Aspiration-Glass	275
	NGC/NGC1	Nongynecologic Cytopathology Education Program	273
Norbuprenorphine	DMPM	Drug Monitoring for Pain Management	108
	T	Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Norbuprenorphine (cont.)	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Norchlordiazepoxide	T	Toxicology	98
	UT	Urine Toxicology	98
Norclomipramine	T	Toxicology	98
	UT	Urine Toxicology	98
Norcodeine	T	Toxicology	98
	UT	Urine Toxicology	98
Norcyclobenzaprine	T	Toxicology	98
	UT	Urine Toxicology	98
Nordiazepam	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Nordoxepin	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Norepinephrine	X N/NX	Urine Chemistry, Special	70
Norfentanyl	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Norfluoxetine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Norketamine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Normeperidine	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	T	Toxicology	98
	UT	Urine Toxicology	98
Normetanephrine	X N/NX	Urine Chemistry Special	70

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
Norovirus	GIP	Gastrointestinal Panel	201	Nucleated red cells, total	ABF3	Automated Body Fluid	151
	SP1	Stool Pathogens	184		CBT	Cord Blood Testing	223
Noroxycodone	DMPM	Drug Monitoring for Pain Management	108		SCP	Stem Cell Processing	223
	T	Toxicology	98	Nucleated red blood cell count	FH3, FH3P, FH9, FH9P, FH13, FH13P	Hematology, Auto Diff	141
	UT	Urine Toxicology	98	<b>Nucleic acid amplification</b>	BSTS	Bacterial Strain Typing <i>Staphylococcus</i>	198
Noroxymorphone	DMPM	Drug Monitoring for Pain Management	108		X HBVL, HBVL5 HCV2	Hepatitis Viral Load	196
Norpropoxyphene	DFC	Drug-Facilitated Crime	109		X <b>HC6/HC6X</b>	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	197
	DMPM	Drug Monitoring for Pain Management	108		X <b>HC7</b>	<i>C. trachomatis</i> /GC DNA by NAA	197
	FTC	Forensic Toxicology, Criminalistics	106		X HIVG, HV2	HIV Viral Load	196
	T	Toxicology	98		IDN, IDO	Nucleic Acid Amp, Organisms	198
	UDC	Forensic Urine Drug Testing, Confirmatory	101		ID1, ID1T	Nucleic Acid Amp, Viruses	199
	UT	Urine Toxicology	98		ID2	Nucleic Acid Amp, Respiratory	199
Norserttraline	DFC	Drug-Facilitated Crime	109		ID3	Influenza A, Influenza B, RSV by NAA	199
	FTC	Forensic Toxicology, Criminalistics	106		MRS	Methicillin-Resistant <i>S. aureus</i>	183
	T	Toxicology	98		X <b>MRS5</b>	Methicillin-Resistant <i>S. aureus</i>	183
	UT	Urine Toxicology	98		SP, SPN, SP1	Stool Pathogens	184
Nortrimipramine	T	Toxicology	98		VLS, VLS2	Viral Load	196
	UT	Urine Toxicology	98		VRE	Vancomycin-Resistant <i>Enterococcus</i>	185
Nortriptyline	DFC	Drug-Facilitated Crime	109	Nucleic acid testing	X NAT	Nucleic Acid Testing	228
	FTC	Forensic Toxicology, Criminalistics	106	O-desmethyltramadol	DMPM	Drug Monitoring for Pain Management	108
	T	Toxicology	98	O-desmethyltramadol	FTC	Forensic Toxicology, Criminalistics	106
	UT	Urine Toxicology	98	O-desmethyltramadol	T	Toxicology	98
	X ZT, ZZT	TDM, Special	60		UT	Urine Toxicology	98
Norverapamil	T	Toxicology	98	Occult blood	OCB	Occult Blood	154
	UT	Urine Toxicology	98		OCBQ	Quality Cross Check, Occult Blood	48
NRAS	MTP	Multigene Tumor Panel	251		POC9	POC Fecal Occult Blood	52
nRBC	FH3, FH3P, FH9, FH9P, FH13, FH13P	Hematology, Auto Diff	141	Occult blood, gastric	GOCB	Gastric Occult Blood	153
NT-pro B-type natriuretic peptides	X BNP	B-Type Natriuretic Peptides, 2 Chall	61	Ocular micrometer check	I	Instrumentation	135
	X BNP5	B-Type Natriuretic Peptides, 5 Chall	61	Olanzapine	T	Toxicology	98
	BNPQ	Quality Cross Check, B-Type Natriuretic Peptides	43		UT	Urine Toxicology	98
	LN30	BNP Cal Ver/Lin	131	Oligoclonal bands	OLI	Oligoclonal Bands	75
N-telopeptide (NTX)	BMV6	Bone Markers and Vitamin	88	Opiate group	DMPM	Drug Monitoring for Pain Management	108
	X BU	Bone and Mineral, Urine	87				
Nucleated cells, total	CBT	Cord Blood Testing	223				
	SCP	Stem Cell Processing	223				

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Opiate group (cont.)	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
	UTCO	Urine Toxicology Carryover	137
Organic acids, urine qualitative	X BGL	Biochemical Genetics	241
Organic acids, urine quantitative	BGL	Biochemical Genetics	241
Osmolality, measured	X C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Osmolality, sweat	X SW1, SW2, SW3, SW4	Sweat Analysis Series	80
Osmolality, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	LN6	Urine Chemistry Cal Ver/Lin	125
	POC3	POC Urine Dipstick Competency	52
	X U	Urine Chemistry, General	69
Osmometer check	I	Instrumentation	135
Osteocalcin	BGS	Bone and Growth	87
Oxazepam	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Oxcarbazepine metabolite	ZE	Therapeutic Drug Monitoring, Extended	60
Oxidants, urine	DAI	Urine Drug Adulterant/ Integrity Testing	100

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Oxycodone	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Oxyhemoglobin	X SO	Blood Oximetry	96
	SOQ	Quality Cross Check, Blood Oximetry	46
Oxylate	KSA	Kidney Stone Risk Assessment	70
Oxymorphone	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
p16	PM5	Immunohistochemistry TMA	265
Pancreatic amylase	X C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
PAPP-A	FP1B	First Trimester Maternal Screening, Free Beta	89
	FP1T	First Trimester Maternal Screening, Total hCG	89
Parainfluenza virus	ID2	Nucleic Acid Amp, Respiratory	199
	X IDR	Infectious Disease, Respiratory Panel	200
	X VR1	Virology Culture	194
	X VR2	Viral Antigen Detection by DFA	194
Paraprotein identification	X SPE	Protein Electrophoresis	77
Parasite identification	X BP	Blood Parasite	191
	X P, P3, P4, P5	Parasitology	190
Parathyroid hormone (PTH)	X ING	Insulin, Gastrin, C-Peptide, PTH	88

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Parathyroid hormone (PTH) (cont.)	PTHQ	Quality Cross Check, PTH	45
Parentage/relationship testing	X PARF	Parentage/Relationship	229
Paroxetine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Parvovirus B19	ID1	Nucleic Acid Amp, Viruses	199
<b>PCO2</b>	X <b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	POC10, POC11	POC Competency Blood Gases	53
	LN13, LN13C	Blood Gas Cal Ver/Lin	127
<i>PDGFRA</i>	KIT	<i>KIT/PDGFRA</i>	251
	MTP	Multigene Tumor Panel	251
PDL1	PDL1	PDL1	264
Pentobarbital	DFC	Drug-Facilitated Crime	109
	T	Toxicology	98
	UT	Urine Toxicology	98
Performance improvement program in surgical pathology	PIP/PIP1, PIPW/PIPW1	Performance Improvement Program in Surgical Pathology	254–255
Peripheral blood smear, virtual	VPBS	Virtual Peripheral Blood Smear	147
<b>pH</b>	AFL	Amniotic Fluid Leakage	151
	X <b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	GOCB	Gastric Occult Blood	153
	POC10, POC11	POC Competency Blood Gases	53
	LN13, LN13C	Blood Gas Cal Ver/Lin	127
pH, gastric	GOCB	Gastric Occult Blood	153
pH, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149

Analyte/Procedure	LAP Program ENR Code	Description	Pg
pH, urine (cont.)	CMQ	Quality Cross Check, Urinalysis	48
	DAI	Urine Drug Adulterant/Integrity Testing	100
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
	UDC	Forensic Urine Drug Testing, Confirmatory	101
pH meters	I	Instrumentation	135
Phencyclidine	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Phenethylamine	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Pheniramine	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Phenobarbital</b>	X <b>CZ, CZ2X, CZX, Z</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	LN3	TDM Cal Ver/Lin	123–124
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Phentermine	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Phenylephrine	T	Toxicology	98
	UT	Urine Toxicology	98
Phenylpropranolamine	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Phenytoin</b>	X <b>CZ, CZ2X, CZX, Z</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Phenytoin (cont.)</b>	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	LN3	TDM Cal Ver/Lin	123-124
	SCO	Serum Carryover	137
	T	Toxicology	98
	UT	Urine Toxicology	98
Phenytoin, free	X CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Phosphatidylglycerol (PG)	X LM, LM1	Lung Maturity	77
Phosphorus	X C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Phosphorus, urine	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
<i>PIK3CA</i>	MTP	Multigene Tumor Panel	251
Pinworm prep	X CMMP, CMP3	Clinical Microscopy, Misc	149-150
Pipette calibration-gravimetric	I	Instrumentation	135
Plasma hemoglobin	PHG	Plasma Hemoglobin	77
Plasminogen antigen	CGE/CGEX	Coagulation, Extended	163
Plasminogen activator inhibitor	CGE/CGEX	Coagulation, Extended	163
Plasminogen activator inhibitor (PAI)-1	MGL1	Molecular Genetics	243
Platelet aggregation	PF	Platelet Function	168
Platelet antibody detection	X PS	Platelet Serology	220
Platelet calculator	TRC	Transfusion-Related Cell Count	219

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Platelet count</b>	X <b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	141
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X <b>FH15</b>	Centrifugal Hematology	142
	X <b>HE, HEP</b>	Basic Hematology	140
	LN9	Hematology Cal Ver/Lin	126
Platelet count (platelet-rich plasma)	X TRC	Transfusion-Related Cell Count	219
Platelet crossmatch	PS	Platelet Serology	220
Platelet count (estimated)	EHE1	Expanded Virtual Peripheral Blood Smear	147
	VPBS	Virtual Peripheral Blood Smear	147
Platelet function	PF1	Platelet Function	168
Platelet mapping	PLTM	Platelet Mapping	171
<i>PML/RARA</i>	MRD2	Minimal Residual Disease	252
<i>PNA FISH-Staphylococcus</i>	PNA1	<i>PNA FISH for Staphylococcus</i>	181
<i>PNA FISH-yeast</i>	PNA2	<i>PNA FISH for Yeast</i>	181
<i>Pneumocystis</i> detection	PCP1	<i>Pneumocystis jiroveci</i> , Calcofluor White Stain	189
	PCP2	<i>Pneumocystis jiroveci</i> , DFA Stain	189
	PCP4	<i>Pneumocystis jiroveci</i> , GMS Stain	189
PNH immunophenotype	PNH	Paroxysmal Nocturnal Hemoglobinuria, RBC	213
<b>PO2</b>	X <b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	LN13, LN13C	Blood Gas Cal Ver/Lin	127
	POC10, POC11	POC Competency Blood Gases	53
Porphobilinogen, urine	UPBG	Porphobilinogen, Urine	71
Postanalytical DNA sequencing	SEC	DNA Sequencing Count	244
Postvasectomy sperm count	X PV	Postvasectomy Sperm Count	158

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg	
Potassium	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94	Predictive markers by immunohistochemistry (cont.)	PM3	CD20 by Immunohistochemistry	265	
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46		PM5	Immunohistochemistry TMA	265	
	X C1, C3, C3X, C4, CZ, CZX, CZ2X	Chemistry and TDM	56–58	Primidone	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56–58	
	CZQ	Quality Cross Check, Chemistry and TDM	43		CZQ	Quality Cross Check, Chemistry and TDM	43	
		FLD2	Body Fluid Chemistry 2	74		LN3	TDM Cal Ver/Lin	123–124
		IFS	Interfering Substances	136	Pro B-type natriuretic peptides	BNP	B-Type Natriuretic Peptides, 2 Chall	61
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123		X BNP5	B-Type Natriuretic Peptides, 5 Chall	61
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123		BNPQ	Quality Cross Check, B-Type Natriuretic Peptides	43
		LN13C	Blood Gas Cal Ver/Lin	127	Procainamide	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56–58
		POC10, POC11	POC Competency Blood Gases	53		CZQ	Quality Cross Check, Chemistry and TDM	43
Potassium, urine	LN6	Urine Chemistry Cal Ver/Lin	125		LN3	TDM Cal Ver/Lin	123–124	
	X U	Urine Chemistry, General	69	Procalcitonin	LN41	Procalcitonin Cal Ver/Lin	133	
Potassium, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103		X PCT	Procalcitonin	78	
PRA	MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	232–233	Progesterone	LN8	Reproductive Endocrinology Cal Ver/Lin	126	
	MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	232–233		X Y/YY	Ligand Assay, Special	86	
Prader-Willi/Angelman Syndrome	X MGL1	Molecular Genetics	243	Progesterone receptors by immunohistochemistry	X PM2	ER, PgR by Immunohistochemistry	266	
Prealbumin (transthyretin)	X C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58	Prolactin	LN8	Reproductive Endocrinology Cal Ver/Lin	126	
	CZQ	Quality Cross Check, Chemistry and TDM	43		X Y/YY	Ligand Assay, Special	86	
	X S2, S4	Immunology, Special	205	Propoxyphene	DFC	Drug-Facilitated Crime	109	
Prekallikrein	CGE/CGEX	Coagulation, Extended	163		DMPM	Drug Monitoring for Pain Management	108	
Predictive markers by immunohistochemistry	X HER2	HER2 by Immunohistochemistry	266		FTC	Forensic Toxicology, Criminalistics	106	
	GHER2	Gastric HER2	266		T	Toxicology	98	
	PM1	CD117 by Immunohistochemistry	265		UDC	Forensic Urine Drug Testing, Confirmatory	101	
	X PM2	ER, PgR by Immunohistochemistry	266		UDS, UDS6	Urine Drug Screen	100	
				Propranolol	T	Toxicology	98	
					UT	Urine Toxicology	98	
				Prostate-specific antigen (PSA)	X K, KK, K2	Ligand Assay, General	84	

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Prostate-specific antigen (PSA) (cont.)	LN23	PSA Cal Ver/Lin	130
Prostate-specific antigen, complexed (cPSA)	X K/KK	Ligand Assay, General	84
Prostate-specific antigen, free (PSA, free)	X K/KK	Ligand Assay, General	84
Prostatic acid phosphatase (PAP)	X K/KK	Ligand Assay, General	84
Protein electrophoresis, serum, interpretation	X SPE	Protein Electrophoresis	77
Protein C	CGE/CGEX	Coagulation, Extended	163
	CGS2	Coag Special, Series 2	163-164
Protein S	LN35	Thrombophilia Cal Ver/Lin	132
	CGE/CGEX	Coagulation, Extended	163
Protein, total	CGS2	Coag Special, Series 2	163-164
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
	SPE	Lipoprotein and Protein Electrophoresis	77
Protein, CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
Protein, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	DSC	Dipstick Confirmatory	152
	X HCC2	Waived Combination	67
	LN6	Urine Chemistry Cal Ver/Lin	125
	POC3	POC Urine Dipstick Competency	52
	X U	Urine Chemistry, General	69

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Prothrombin mutation	X MGL1	Molecular Genetics	243
	X TPM	Thrombophilia Mutations	246
Prothrombin fragment 1.2	CGE/CGEX	Coagulation, Extended	163
Prothrombin time	X CGB	Basic Coagulation	162
	X CGL	Coagulation, Limited	162
	CGLQ	Quality Cross Check, Coagulation, Limited	49
	CGS1	Coag Special, Series 1	163-164
	CGS4	Coag Special, Series 4	163-164
	DBGN	Anticoagulant Monitoring, Dabigatran	165
	FNPX	Anticoagulant Monitoring, Fondaparinux	165
	POC6	POC PT/INR, CoaguChek XS Plus	52
	RVBN	Anticoagulant Monitoring Rivaroxaban	165
	X WP3, WP4, WP6, WP9	Whole Blood Coagulation	169
Prothrombin time, dilute	CGE/CGEX	Coagulation, Extended	163
Provider-performed microscopy	CMMP, CMP3	Clinical Microscopy, Misc	149-150
PRU test	PIA, PIAX	Drug-Specific Platelet Aggregation	170
Pseudocholinesterase	X C7	Pseudocholinesterase	78
Pseudoephedrine	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
	PTEN	GLI	Glioma
Pyridinoline (PYD)	BU	Bone and Mineral, Urine	87
Q-MONITORS	QM1	Quality Management Tools	40
Q-PROBES	QP171	Quality Management Tools	25
	QP172	Quality Management Tools	26
	QP173	Quality Management Tools	27
	QP174	Quality Management Tools	28
Q-TRACKS	QT1-5	Quality Management Tools	31-32, 37

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Q-TRACKS (cont.)	QT7, 8, 10	Quality Management Tools	33
	QT15-17, 19	Quality Management Tools	35-36, 38
Quetiapine	T	Toxicology	98
	UT	Urine Toxicology	98
<b>Quinidine</b>	X <b>CZ, CZX, CZ2X, Z</b>	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123-124
	T	Toxicology	98
	UT	Urine Toxicology	98
Quinine	T	Toxicology	98
	UT	Urine Toxicology	98
Ranitidine	T	Toxicology	98
	UT	Urine Toxicology	98
Rapamycin (sirolimus)	X CS	Immunosuppressive Drugs	59
<b>Rapid group A strep</b>	X <b>D</b>	Bacteriology	174
	X <b>D4</b>	Bacteriology, Ltd	176
	X <b>D6</b>	Rapid Group A Strep	179
	X D9	Rapid Group A Strep, Waived	179
	X <b>MC1</b>	Microbiology Combination with GC	177
	X <b>MC2</b>	Microbiology Combination	177
	X <b>MC4</b>	Urine Colony Count Combination	177
	X <b>MC5</b>	Throat Culture/Rapid Strep	178
<b>RBC count</b>	ABF1, ABF2, ABF3	Automated Body Fluid	151
	X <b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	141
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X <b>HE, HEP</b>	Basic Hematology	140
	LN9	Hematology Cal Ver/Lin	126

Analyte/Procedure	LAP Program ENR Code	Description	Pg
RBC count, automated, urine (quantitative)	UAA, UAA1	Automated Urinalysis	152
RBC automated count, fluid	ABF1, ABF2, ABF3	Automated Body Fluid	151
RBC manual count, fluid	X HFC, HFCI	Hemocytometer Fluid Count	153-154
RBC folate	X FOL	RBC Folate	90
RBC morphology	EHE1	Expanded Virtual Peripheral Blood Smear	147
	VPBS	Virtual Peripheral Blood Smear	147
RDW	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	HE, HEP	Basic Hematology	140
Red blood cell antigen detection	J, J1	Transfusion Medicine	216
Red blood cell antigen genotyping	RAG	Red Blood Cell Antigen Genotyping	218
Red blood cell antigen typing	RBCAT	Red Blood Cell Antigen Typing	218
Reducing substance, urine	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Refractometer check	I	Instrumentation	135
Renin	X RAP	Renin and Aldosterone	91
Reptilase time	CGE/CGEX	Coagulation, Extended	163
<b>Respiratory syncytial virus (RSV)</b>	ID2	Nucleic Acid Amp, Respiratory	199
	ID3	Influenza A, Influenza B, RSV by NAA	199
	X <b>IDR</b>	Infectious Disease, Respiratory Panel	200
	X <b>VR1</b>	Virology Culture	194
	X <b>VR2</b>	Viral Antigen Detection by DFA	194
	X <b>VR4</b>	Virology Antigen Detection by EIA and Latex	195



Analyte/Procedure	LAP Program ENR Code	Description	Pg
Reticulocyte count, absolute	X RT, RT2, RT3, RT4	Reticulocyte	145
Reticulocyte count, percent	LN18, LN19	Reticulocyte Cal Ver/Lin	129
	X RT, RT2, RT3, RT4	Reticulocyte	145
RETT syndrome	X RETT	RETT Syndrome Genotyping	245
RhD	X MGL2	Molecular Genetics	243
<b>RhD typing</b>	X <b>J, J1</b>	Transfusion Medicine	216
	X <b>JAT</b>	Transfusion Medicine, Automated	217
	JATE1	Transfusion Medicine, Automated, Educational	217
	TMCA	Transfusion Medicine, Competency Assessment	221
<b>Rheumatoid factor</b>	X <b>IL, RF/RFX</b>	Immunology	204
<b>Rhinovirus</b>	ID2	Nucleic Acid Amp, Respiratory	199
	X <b>IDR</b>	Infectious Disease, Respiratory Panel	200
<b>Rotavirus</b>	GIP	Gastrointestinal Panel	201
	SP, SPN	Stool Pathogens	184
	X <b>VR4</b>	Viral Antigen Detection by EIA and Latex	195
<b>RSV</b>	ID2	Nucleic Acid Amp, Respiratory	199
	ID3	Influenza A, Influenza B, RSV by NAA	199
	X <b>IDR</b>	Infectious Disease, Respiratory Panel	200
	X <b>VR1</b>	Virology Culture	194
	X <b>VR2</b>	Viral Antigen Detection by DFA	194
	X <b>VR4</b>	Viral Antigen Detection by EIA and Latex	195
<b>Rubella antibody, IgG</b>	X <b>IL, RUB/RUBX</b>	Immunology	204
Rubeola antibody (English measles)	X VR3	Antibody Detection-Infectious Disease Serology	202
Rufinamide	ZE	Therapeutic Drug Monitoring, Extended	60
Rupture of fetal membranes	ROM1	Rupture of Fetal Membranes	155
Russell's viper venom time, dilute	CGE/CGEX	Coagulation, Extended	163
Salicylate	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56-58

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Salicylate (cont.)	CZQ	Quality Cross Check, Chemistry and TDM	43
	FTC	Forensic Toxicology, Criminalistics	106
	LN3	TDM Cal Ver/Lin	123-124
	X SDS	Serum Drug Screen	103
	T	Toxicology	98
	UT	Urine Toxicology	98
<i>Salmonella</i>	GIP	Gastrointestinal Panel	201
Sarcoma by FISH	CYK	Fluorescence In Situ Hybridization	239
Sarcoma translocation	SARC	Sarcoma Translocation	250
Scl-70 (anti-DNA topoisomerase)	RDS	Rheumatic Disease Special	210
Scopolamine	DFC	Drug-Facilitated Crime	109
Secobarbital	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	UDC	Forensic Urine Drug Testing, Confirmatory	101
Selenium	X R	Trace Metals	79
Selenium, urine	TMU	Trace Metals, Urine	105
Semen analysis	X ASA, SC, SV, PV	Semen Analysis	158
	SC1, SM	Semen Analysis	158
	SMCD, SM1CD, SM2CD	Semen Analysis, CD-ROM	158
<i>SERPINA1</i> genotyping	X AAT	Alpah-1 Antitrypsin Genotyping	241
Sertraline	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Serum free light chains	SFLC	Serum Free Light Chains	211
Sex hormone-binding globulin (SHBG)	ABS	Testosterone and Estradiol Accuracy	113
	X DY	Ligand Assay, Special	86
Shiga toxin	SP	Stool Pathogens-Rapid and Molecular	184
	ST	Shiga Toxin	184
Shiga-like toxin producing <i>E. coli</i> (STEC)	GIP	Gastrointestinal Panel	201
<i>Shigella</i>	GIP	Gastrointestinal Panel	201
Sickle cell screen (qualitative)	X HG	Hemoglobinopathy	145
	X SCS	Sickle Cell Screen	145

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
Sirolimus (Rapamycin)	X CS	Immunosuppressive Drugs	59	Sperm count	X SMCD	Semen Analysis, CD-ROM	158
<i>SLCO1B1</i>	PGX	Pharmacogenetics	245	Sperm count, automated	SC1	Semen Analysis	158
Sodium	X AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94	Sperm count, manual	X SC	Semen Analysis	158
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46, 95		X PV	Postvasectomy Sperm Count	158
	X C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58	Sperm morphology	SM	Semen Analysis	158
	CZQ	Quality Cross Check, Chemistry and TDM	43		SM1CD	Semen Analysis, CD-ROM	158
	FLD2	Body Fluid Chemistry 2	74	Sperm motility	SMCD	Semen Analysis, CD-ROM	158
	IFS	Interfering Substances	136	Sperm viability	SM2CD	Semen Analysis, CD-ROM	158
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122-123		X SV	Semen Analysis	158
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123	<b>Spinal fluid meningitis panel</b>	X D	Bacteriology	174
	LN13C	Blood Gas Cal Ver/Lin	127	Spinal muscular atrophy	X MGL2	Molecular Genetics	243
	POC10, POC11	POC Competency Blood Gases	53	Spinocerebellar ataxia	X MGL2	Molecular Genetics	243
Sodium, sweat	X SW1, SW2, SW3, SW4	Sweat Analysis Series	80	Split fats	FCFS	Fecal Fat	76
Sodium, urine	LN6	Urine Chemistry Cal Ver/Lin	125	<i>Staphylococcus aureus</i> -blood culture	BCS1	Blood Culture <i>Staphylococcus aureus</i>	181
	X U	Urine Chemistry, General	69	STEC (Shiga-like toxin producing <i>E. coli</i> )	GIP	Gastrointestinal Panel	201
Sodium, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103	Strep screen	POC4	POC/Waived Strep Screen Competency	52
Soluble transferrin receptor	STFR	Soluble Transferrin Receptor	80	<b><i>Streptococcus agalactiae</i></b>	X D8	Group B Strep	180
Somatomedin C (IGF-1)	X Y, YY	Ligand Assay, Special	86		IDME	Meningitis/Encephalitis Panel	200
SOX10	PM5	Immunohistochemistry TMA	265	<i>Streptococcus pneumoniae</i>	IDME	Meningitis/Encephalitis Panel	200
Specific gravity	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149		SBAS	<i>S. pneumoniae</i> Ag Detection	180
	CMQ	Quality Cross Check, Urinalysis	48	<b><i>Streptococcus pyogenes</i></b>	X D	Bacteriology	174
	DAI	Urine Drug Adulterant/Integrity Testing	100		X D1, D7	Throat, Urine Cultures	176
	X HCC2	Waived Combination	67		X D4	Bacteriology, Ltd	176
	POC3	POC Urine Dipstick Competency	52		X D6	Rapid Group A Strep	179
	UDC	Forensic Urine Drug Testing, Confirmatory	101		X D9	Rapid Group A Strep, Waived	179
Spectrophotometer linearity	I	Instrumentation	135		X MC1	Microbiology Combination with GC	177
					X MC2	Microbiology Combination	177
					X MC4	Urine Colony Count Combination	177
					X MC5	Throat Culture/Rapid Strep	178
				Strychnine	T	Toxicology	98
					UT	Urine Toxicology	98
				Sulfate	KSA	Kidney Stone Risk Assessment	70
				Sulfosalicylic acid (SSA)	DSC	Dipstick Confirmatory	152

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Surgical pathology	DPATH/DPATH1	Online Digital Slide Program	257
	PIP/PIP1, PIPW/PIPW1	Performance Improvement Program in Surgical Pathology	254–255
	PCSP, PCSP1	Practicum in Cancer Surgical Pathology	260
	VBP/VBP1	Online Virtual Biopsies Program	256
Synthetic cannabinoid/designer drugs	SCDD	Synthetic Cannabinoid/Designer Drugs	107
<b>Syphilis</b>	X G	Syphilis Serology	210
T3, free (triiodothyronine)	ABTH	Harmonized Thyroid	114
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X K/KK	Ligand Assay, General	84
<b>T3, total (triiodothyronine)</b>	ABTH	Harmonized Thyroid	114
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X K/KK	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
<b>T3 uptake &amp; related tests</b>	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X K/KK	Ligand Assay, General	84
<b>T4, free (thyroxine, free)</b>	ABTH	Harmonized Thyroid	114
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X K/KK	Ligand Assay, General	84
<b>T4, total (thyroxine, total)</b>	ABTH	Harmonized Thyroid	114
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>T4, total (thyroxine, total) (cont.)</b>	X K/KK	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
Tacrolimus	X CS	Immunosuppressive Drugs	59
	LN31	Immunosuppressive Drugs Cal Ver/Lin	131
Tay Sachs	X MGL4	Molecular Genetics	243
tCO <sub>2</sub>	AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	94
	AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	POC10, POC11	POC Competency Blood Gases	53
Temazepam	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	OFD	Oral Fluid for Drugs of Abuse	102
	T	Toxicology	98
	UDC	Forensic Urine Drug Testing, Confirmatory	101
	UT	Urine Toxicology	98
Teriflunomide	ZE	Therapeutic Drug Monitoring, Extended	60
Testosterone	ABS	Accuracy-Based Testosterone and Estradiol	113
	LN8	Reproductive Endocrinology Cal Ver/Lin	126
	X Y/YY	Ligand Assay, Special	86
Testosterone, bioavailable	ABS	Testosterone and Estradiol Accuracy	113
	DY	Ligand Assay, Special	86
Testosterone, free	ABS	Testosterone and Estradiol Accuracy	113
	X DY	Ligand Assay, Special	86
Tetrahydrozoline	DFC	Drug-Facilitated Crime	109
Thallium, urine	TMU	Trace Metals, Urine	105
<b>Theophylline</b>	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Theophylline (cont.)</b>	LN3	TDM Cal Ver/Lin	123–124
<b>Throat culture</b>	X <b>D1, D7</b>	Throat, Urine Cultures	176
	X <b>D4</b>	Bacteriology, Ltd	176
	X <b>MC1</b>	Microbiology Combination with GC	177
	X <b>MC2</b>	Microbiology Combination	177
	X <b>MC4</b>	Urine Colony Count Combination	177
Thrombin time	X <b>MC5</b>	Throat Culture/Rapid Strep	178
	CGE/CGEX	Coagulation, Extended	163
	CGS4	Coag Special, Series 4	163–164
	DBGN	Dabigatran	165
Thrombin-antithrombin	CGE/CGEX	Coagulation, Extended	163
Thromboelastogram	TEG	Viscoelastometry	168
Thrombophilia mutations	X TPM	Thrombophilia Mutations	246
Thyroglobulin	X TM/TMX	Tumor Markers	91
<b>Thyroid-stimulating hormone (TSH)</b>	ABS	Accuracy-Based Testosterone and Estradiol	113
	ABTH	Harmonized Thyroid	114
	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>K/KK</b>	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
	ABTH	Harmonized Thyroid	114
	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
X <b>K/KK</b>	Ligand Assay, General	84	
<b>Thyroxine, free</b>	ABTH	Harmonized Thyroid	114
	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>K/KK</b>	Ligand Assay, General	84
	ABTH	Harmonized Thyroid	114
<b>Thyroxine, total</b>	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>K/KK</b>	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Thyroxine, total (cont.)</b>	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
Tick identification	TMO	Ticks, Mites, and Other Arthropods	192
<b>Tissue parasite identification</b>	X <b>BP</b>	Blood Parasite	191
	X <b>P</b>	Parasitology	190
Tissue plasminogen activator	CGE/CGEX	Coagulation, Extended	163
<b>Tobramycin</b>	X <b>CZ, CZX, CZ2X, Z</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123–124
Topiramate	ZE	Therapeutic Drug Monitoring, Extended	60
Total bile acids	TBLA	Total Bile Acid	79
<b>Total bilirubin</b>	X <b>C1, C3, C3X, CZ, CZX, C4, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD2	Body Fluid Chemistry 2	74
	IFS	Interfering Substances	136
	LM1	Lung Maturity	77
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
X <b>NB, NB2</b>	Neonatal Bilirubin	66	
<b>Total bilirubin, urine</b>	X <b>CMP, CMP1, CMP2, CMP3</b>	Clinical Microscopy	149
	X <b>HCC2</b>	Waived Combination	67
	DSC	Dipstick Confirmatory	152
Total free fatty acids	FCFS	Fecal Fat	76
<b>Total hCG</b>	X <b>FP1T</b>	First Trimester Maternal Screening, Total hCG	89
Total hemolytic complement	CH50	Total Hemolytic Complement	210
<b>Total iron binding capacity, measured and % saturation</b>	X <b>C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Total nitrogen, urine	U	Urine Chemistry, General	69
Total nucleated cells	CBT	Cord Blood Testing	223
	SCP	Stem Cell Processing	223
Total nucleated cells manual differential count (body fluid)	HFC/HFCi	Hemocytometer Fluid Count	153–154
	VBF	Virtual Body Fluid	151
Total nucleated red cells	CBT	Cord Blood Testing	223
	SCP	Stem Cell Processing	223
<b>Total protein</b>	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
	SPE	Protein Electrophoresis	77
Total protein, CSF	X M, OLI	CSF Chemistry and Oligoclonal Bands	75
Total protein, urine	CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Total tricyclics	X SDS	Serum Drug Screen	103
	X ZT, ZZT	TDM, Special	60
Touch imprint/crush prep	TICP, TICP1	Touch Imprint/Crush Prep	272
Toxicology, serum, qualitative	X SDS	Serum Drug Screen	103
	X T	Toxicology	98
Toxicology, urine, qualitative	X DMPM	Drug Monitoring for Pain Management	108
	X T	Toxicology	98
	X UDS, UDS6	Urine Drug Screen	100
	X UT	Urine Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Toxicology, urine, qualitative/quantitative	X DMPM	Drug Monitoring for Pain Management	108
	X UDC	Forensic Urine Drug Testing, Confirmatory	101
<i>Toxoplasma gondii</i>	X VR3	Antibody Detection-Infectious Disease Serology	202
<i>TPMT</i>	PGX3	Pharmacogenetics	245
Tramadol	DFC	Drug-Facilitated Crime	109
	DMPM	Drug Monitoring for Pain Management	108
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Transferrin	X C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN7	Immunology Cal Ver/Lin	125
	X S2, S4	Immunology, Special	205
<b>Transfusion medicine</b>	ETME1	Expanded Transfusion Medicine Exercises	225
	EXM, EXM2	Electronic Crossmatch	216–217
	X J, J1	Transfusion Medicine	216
	X JAT	Transfusion Medicine, Automated	217
	JATE1	Transfusion Medicine, Automated	217
	JE1	Transfusion Medicine, Education	216
	TMCA	Transfusion Medicine, Competency Assessment	221
	TMCAD	Transfusion Medicine, Competency Assessment	221
	TMCAE	Transfusion Medicine, Competency Assessment	221
	TMCAF	Transfusion Medicine, Competency Assessment	222
	X TRC	Transfusion-Related Cell Count	219
Trazodone	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Trazodone (cont.)	UT	Urine Toxicology	98
<b>Treponema pallidum</b>	X <b>G</b>	Syphilis Serology	210
<i>Trichomonas vaginalis</i>	TVAG	<i>Trichomonas vaginalis</i> , Molecular	192
	X VS, VS1	Vaginitis Screen	185
Tricyclic group	T	Toxicology	98
	UDS, UDS6	Urine Drug Screen	100
	UT	Urine Toxicology	98
Tricyclics, total	X SDS	Serum Drug Screen	103
	X ZT, ZZT	TDM, Special	60
<b>Triglycerides</b>	ABL	Accuracy-Based Lipid	112
	X <b>C1, C3, C3X, C4, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FCFS	Fecal Fat	76
	FLD	Body Fluid	73
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	X LCW	Ltd Chem, Waived	65
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
<b>Triiodothyronine (T3)</b>	ABTH	Harmonized Thyroid	114
	X <b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>K/KK</b>	Ligand Assay, General	84
	LN5	Ligand Assay Cal Ver/Lin	124
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124
Triiodothyronine (T3), free	ABTH	Harmonized Thyroid	114
	X C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	X <b>K/KK</b>	Ligand Assay, General	84
Trimipramine	T	Toxicology	98
	UT	Urine Toxicology	98
Troponin I, plasma	X PCARM, PCARMX	Plasma Cardiac Markers	66

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Troponin I, plasma (cont.)		POC12 Competency Plasma Cardiac Markers	53
Troponin I, serum	X CRT, CRTI	Cardiac Markers	63
	LN25	Troponin I Cal Ver/Lin	131
Troponin T, serum	LN27	Troponin T Cal Ver/Lin	131
	TNT	Troponin T	63
	X TNT5	Troponin T, 5 Challenge	63
Tumor necrosis factor (TNF)-alpha	CTKN	Cytokines	208
<i>UGT1A1</i>	PGX3	Pharmacogenetics	245
Unsaturated iron binding capacity, measured	X C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
<b>Urea nitrogen</b>	X <b>AQ2, AQ4</b>	Aqueous Blood Gas	94
	AQ2Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X <b>C1, C3, C3X, C4, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123
	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122–123
Urea nitrogen, urine	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Urea nitrogen, vitreous fluid	VF	Vitreous Fluid, Post-mortem	103
Urease	X RUR	Rapid Urease	184
<b>Uric acid</b>	X <b>C1, C3, C3X, C4, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	FLD2	Body Fluid Chemistry 2	74
	IFS	Interfering Substances	136
	LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	122–123

Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Uric acid (cont.)</b>	LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	122-123
Uric acid, urine	LN6	Urine Chemistry Cal Ver/Lin	125
	X U	Urine Chemistry, General	69
Urine albumin	LN20	Urine albumin Cal Ver/Lin	129
	X U	Urine Chemistry, General	69
	X UMC	Urine Albumin Creatinine	156
Urine albumin: creatinine ratio	ABU	Accuracy-Based Urine	113
	U	Urine Chemistry, General	69
	UMC	Urine Albumin Creatinine	156
Urine colony count	MC3	Urine Colony Count	177
	MC4	Urine Colony Count Combination	177
Urine crystals identification	URC	Crystals	152
Urine crystals (semiquantitative)	UAA	Automated Urinalysis	152
<b>Urine culture</b>	X <b>D2, D7</b>	Throat, Urine Cultures	176
	X <b>D4</b>	Bacteriology, Ltd	176
	X <b>MC1</b>	Microbiology Combination with GC	177
	X <b>MC2</b>	Microbiology Combination	177
	MC3	Urine Colony Count	177
	X <b>MC4</b>	Urine Colony Count Combination	177
	X <b>MC5</b>	Throat Culture/Rapid Strep	178
Urine dipstick	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC/Waived Urine Dipstick Competency	52
Urine drug screen	X DMPM	Drug Monitoring for Pain Management	108
	X UDS, UDS6	Urine Drug Screen	100
Urine hCG (qualitative)	X UHCG	Urine hCG	156

Analyte/Procedure	LAP Program ENR Code	Description	Pg
Urine sediment, color photographs	X CMP, CMP1, CMP3, CMMP	Clinical Microscopy	149-150
Urobilinogen	X CMP, CMP1, CMP2, CMP3	Clinical Microscopy	149
	CMQ	Quality Cross Check, Urinalysis	48
	X HCC2	Waived Combination	67
	POC3	POC Urine Dipstick Competency	52
Uroporphyrin	X N/NX	Urine Chemistry, Special	70
Urothelial carcinoma by FISH, hybridization and interpretation on-site	X CY1	Fluorescence In Situ Hybridization, Urothelial Carcinoma	238
Vaginal wet preparations	X CMMP, CMP3	Clinical Microscopy, Misc.	149-150
<b>Vaginitis screen</b>	BV	Bacterial Vaginosis	184
	X <b>VS</b>	BD Affirm VP III Antigen Detection	185
	X VS1	Genzyme OSOM <i>Trichomonas</i>	185
	VS2	Vaginitis Screen, Virtual Gram Stain	185
<b>Valproic acid</b>	X <b>CZ, CZX, CZ2X, Z</b>	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	DFC	Drug-Facilitated Crime	109
	LN3	TDM Cal Ver/Lin	123-124
	T	Toxicology	98
	UT	Urine Toxicology	98
Valproic acid, free	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
Vancomycin	X CZ, CZX, CZ2X, Z	Chemistry and TDM	56-58
	CZQ	Quality Cross Check, Chemistry and TDM	43
	LN3	TDM Cal Ver/Lin	123-124
Vancomycin-resistant <i>Enterococcus</i>	IDN, IDO	Nucleic Acid Amp, Organisms	198
	VRE	Vancomycin-resistant <i>Enterococcus</i>	185
Vanillylmandelic acid	X N/NX	Urine Chemistry, Special	70

Analyte/Procedure	LAP Program ENR Code	Description	Pg	Analyte/Procedure	LAP Program ENR Code	Description	Pg
<b>Varicella-zoster virus (VZV)</b>	ID1	Nucleic Acid Amplification	199	Vitamin E	BMV4	Bone Markers and Vitamins	88
	IDME	Meningitis/Encephalitis Panel	200	VKORC1	PGX	Pharmacogenetics	245
	X VR1	Virology Culture	194	Volatiles	X AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	103
	X VR2	Viral Antigen Detection by DFA	194		X AL2	Serum Alcohol/Ethylene Glycol/Volatiles	103
	X VR3	Antibody Detection-Infectious Disease Serology	202	von Willebrand factor	CGE/CGEX	Coagulation, Extended	163
Vascular endothelial growth factor (VEGF)	CTKN	Cytokines	208		CGS3	Coag Special, Series 3	163-164
Venlafaxine	T	Toxicology	98		LN37	von Willebrand Factor Ag Cal Ver/Lin	132
	UT	Urine Toxicology	98	<b>VZV</b>	ID1	Nucleic Acid Amplification	199
Verapamil	T	Toxicology	98		X VR1	Virology Culture	194
	UT	Urine Toxicology	98		X VR2	Viral Antigen Detection by DFA	194
Viability	CBT	Cord Blood Testing	223		X VR3	Antibody Detection-Infectious Disease Serology	202
	SCP	Stem Cell Processing	223	Wavelength and photometric calibration	I	Instrumentation	135
<b>Viral antigen detection</b>	X HC2	HSV by DFA	195	<b>WBC count</b>	ABF1, ABF2, ABF3	Automated Body Fluid	151
	POC8	POC Influenza A/B Ag	52		CBT	Cord Blood Testing	223
	X VR2	Viral Antigen Detection by DFA	194		X FH1-FH4, FH6, FH9, FH10, FH13 FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	141
	X VR4	Viral Antigen Detection by EIA and Latex	195		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
<b>Viral isolation/identification</b>	X HC4	HSV Culture	195		X FH15	Centrifugal Hematology	142
	ID3	Influenza A, Influenza B, RSV by NAA	199		FL4	Flow Cytometry CD34+	212
	X VR1	Virology Culture	194		X HE, HEP	Basic Hematology	140
Virtual biopsy program, online	VBP/VBP1	Online Virtual Biopsies Program	256		LN9	Hematology Cal Ver/Lin	126
Virtual gram stain	VGS1	Virtual Gram Stain Basic	179		X RWBC	Rapid Total White Blood Cell Count	146
	VGS2	Virtual Gram Stain Advanced	179		SCP	Stem Cell Processing	223
Virtual peripheral blood smear	VPBS	Virtual Peripheral Blood Smear	147	WBC automated count (fluid)	ABF1, ABF2, ABF3	Automated Body Fluid	151
Viscosity	V	Viscosity	211	WBC manual count (fluid)	X HFC, HFCI	Hemocytometer Fluid Count	153-154
Vitamin A	BMV3	Bone Markers and Vitamins	88	WBC count (urine)	UAA, UAA1	Automated Urinalysis	152
Vitamin B12	X K, KK, K2	Ligand Assay, General	84				
	LN5	Ligand Assay Cal Ver/Lin	124				
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	124				
Vitamin D, 25-OH	X ABVD	Accuracy-Based Vitamin D	87				
	LN40	Vitamin D Cal Ver/Lin	133				
	X VITD	25-OH Vitamin D	86				
Vitamin D, 1, 25 Dihydroxy	BMV1	Bone Markers and Vitamins	88				



Analyte/Procedure	LAP Program ENR Code	Description	Pg
WBC count (leukocyte-reduced platelets)	TRC	Transfusion-Related Cell Count	219
WBC count (leukocyte-reduced RBCs)	TRC	Transfusion-Related Cell Count	219
WBC differential (manual)	EHE1	Expanded Virtual Peripheral Blood Smear	147
	VPBS	Virtual Peripheral Blood Smear	147
<b>WBC differential (2-part)</b>	X <b>FH15</b>	Centrifugal Hematology	142
<b>WBC differential, automated</b>	X <b>FH1-FH4, FH6, FH9, FH10, FH13 FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	141
	FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
WBC differential, body fluid	VBF	Virtual Body Fluid	151
WBC morphology	EHE1	Expanded Virtual Peripheral Blood Smear	147
	VPBS	Virtual Peripheral Blood Smear	147
West Nile virus	X NAT	Nucleic Acid Testing	228
Worm identification	WID	Worm Identification	192
<b>Yeast identification</b>	X <b>F</b>	Mycology and Aerobic Actinomycetes	187
	X <b>F1</b>	Yeast	187
	X <b>F3</b>	<i>Candida</i> Culture	188
Zaleplon	DFC	Drug-Facilitated Crime	109
ZAP-70	ZAP70	ZAP-70 Analysis by Flow Cytometry	214
Zinc	X R	Trace Metals	79
Zinc, urine	TMU	Trace Metals, Urine	105
Ziprasidone	DFC	Drug-Facilitated Crime	109
Zolpidem	DFC	Drug-Facilitated Crime	109
	FTC	Forensic Toxicology, Criminalistics	106
	T	Toxicology	98
	UT	Urine Toxicology	98
Zopiclone/Eszopiclone	DFC	Drug-Facilitated Crime	109
Zonisamide	ZE	Therapeutic Drug Monitoring, Extended	60

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