

# 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.

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
1,5-anhydroglucitol		AG	1,5-Anhydroglucitol	71
1,25 dihydroxy vitamin D		BMV1	Bone Markers and Vitamins	86
3-methoxytyramines		N/NX	Urine Chemistry, Special	69
4-hydroxytriazolam		DFC	Drug-Facilitated Crime	107
5-hydroxyindoleacetic acid, qualitative		N/NX	Urine Chemistry, Special	69
5-hydroxyindoleacetic acid, quantitative	X	N/NX	Urine Chemistry, Special	69
6-acetylmorphine (6-AM)		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
7-aminoclonazepam		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
7-aminoflunitrazepam		T	Toxicology	96
		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
10q (PTEN) deletion		T	Toxicology	96
		UT	Urine Toxicology	96
		GLI	Glioma	253
11-dehydrothromboxane B2		TBX	11-Dehydrothromboxane B2	166
11-deoxycortisol		Y/YY	Ligand Assay, Special	84
17-hydroxycorticosteroids		N/NX	Urine Chemistry, Special	69
17-hydroxyprogesterone	X	Y/YY	Ligand Assay, Special	84
17-ketosteroids		N/NX	Urine Chemistry, Special	69

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
25-OH vitamin D	X	ABVD	Accuracy-Based Vitamin D	85
		LN40	Vitamin D Cal Ver/Lin	127
	X	VITD	25-OH Vitamin D	84
50:50 mixing study, APTT		CGE/CGEX	Coagulation, Extended	159
		CGS1	Coag Special, Series 1	160–161
50:50 mixing study, PT		CGE/CGEX	Coagulation, Extended	159
		CGS1	Coag Special, Series 1	160–161
<b>ABO grouping</b>	X	<b>J, J1</b>	Transfusion Medicine	214
	X	<b>JAT</b>	Transfusion Medicine, Automated	215
		JATE1	Transfusion Medicine, Automated, Educational	215
		TMCA	Transfusion Medicine, Competency Assessment	219
ABO subgroup typing		ABOSG	ABO Subgroup Typing	216
Acetaminophen	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FTC	Forensic Toxicology, Criminalistics	104
		LN3	TDM Cal Ver/Lin	119
	X	SDS	Serum Drug Screen	101
		T	Toxicology	96
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Acetone	X	AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	101
	X	AL2	Serum Alcohol/Ethylene Glycol/Volatiles	101
		SDS	Serum Drug Screen	101
		VF	Vitreous Fluid, Post-mortem	101
<b>Acid-fast smear</b>	X	<b>E</b>	Mycobacteriology	183

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Acid-fast smear (cont.)</b>	X	<b>E1</b>	Mycobacteriology, Ltd	183
Acid phosphatase	X	C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Activated clotting time	X	CT, CT1, CT2, CT3, CT5	ACT	162
		CTQ, CT1Q, CT2Q, CT3Q, CT5Q	Quality Cross Check, ACT	50
		POC14, POC15, POC16	Competency Activated Clotting Time	54
<b>Activated partial thromboplastin time</b>	X	<b>CGB</b>	Basic Coagulation	158
		CGE/CGEX	Coagulation, Extended	159
	X	<b>CGL</b>	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
		CGS1	Coag Special, Series 1	160–161
		CGS3	Coag Special, Series 3	160–161
		CGS4	Coag Special, Series 4	160–161
		DBGN	Anticoagulant Monitoring, Dabigatran	161
		FNPX	Anticoagulant Monitoring, Fondaparinux	161
		RVBN	Anticoagulant Monitoring, Rivaroxaban	161
Activated protein C resistance		CGE/CGEX	Coagulation, Extended	159
		CGS2	Coag Special, Series 2	160–161
Acylcarnitine		BGL	Biochemical Genetics	239
ADAMTS-13		CGS7	ADAMTS-13	160–161
<b>Adenovirus</b>		GIP	Gastrointestinal Panel	199
		ID2	Nucleic Acid Amp, Respiratory	197
	X	<b>IDR</b>	Infectious Disease Respiratory Panel	198
		VLS2	Viral Load	193
	X	<b>VR1</b>	Virology Culture	191
	X	<b>VR2</b>	Viral Antigen by DFA	191
	X	<b>VR4</b>	Viral Antigen by EIA and Latex	192
Adenovirus 40/41		SP, SPN	Stool Pathogen	180
Adjustable micropipette Cal V/L		I	Instrumentation	129

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Adrenocorticotrophic hormone (ACTH)	X	TM/TMX	Tumor Markers	89
<b>Alanine aminotransferase (ALT/SGPT)</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
<b>Albumin</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	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		SPE	Protein Electrophoresis	76
Albumin, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
Albumin, urine		ABU	Accuracy-Based Urine	111
		LN20	Urine Albumin	124
	X	U	Urine Chemistry, General	68
Albumin: creatinine ratio		ABU	Accuracy-Based Urine	111
		LN20	Urine Albumin Cal Ver/Lin	124
		U	Urine Chemistry, General	68
		UMC	Urine Albumin Creatinine	151
<b>Alcohol, serum</b>	X	<b>AL2</b>	Serum Alcohol/Ethylene Glycol/Volatiles	101
		LN11	Serum Ethanol Cal Ver/Lin	122
<b>Alcohol, whole blood</b>	X	<b>AL1</b>	Whole Blood Alcohol/Ethylene Glycol/Volatiles	101
Aldolase		ADL	Aldolase	71
Aldosterone, serum	X	RAP	Renin and Aldosterone	89

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Aldosterone, urine	X	N/NX	Urine Chemistry, Special	69
<b>Alkaline phosphatase (ALP)</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD2	Body Fluid Chemistry 2	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Allergens (specific)		SE	Diagnostic Allergy	207
<b>Alpha-1 antitrypsin</b>	X	<b>IG/IGX</b>	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
Alpha-1 antitrypsin genotyping	X	AAT	Alpha-1 Antitrypsin Genotyping	239
Alpha-1 globulin		SPE	Protein Electrophoresis	76
Alpha-2 globulin		SPE	Protein Electrophoresis	76
Alpha-2-antiplasmin		CGE/CGEX	Coagulation, Extended	159
Alpha-2-macroglobulin		A2MG	Alpha-2-Macroglobulin	204
Alpha-fetoprotein (AFP), amniotic fluid	X	FP/FPX	Maternal Screen	87
<b>Alpha-fetoprotein (AFP), serum</b>	X	<b>FP/FPX</b>	Maternal Screen	87
		<b>K/KK</b>	Ligand Assay, General	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Alpha-hydroxyalprazolam		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
		HGM	Hemoglobinopathies, Molecular Methods	240
Alprazolam		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		OFD	Oral Fluid for Drugs of Abuse	100
		UT	Urine Toxicology	96

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Aluminum	X	R	Trace Metals	78
		TMU	Trace Metals, Urine	103
		TMWB	Trace Metals, Whole Blood	103
Amikacin	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN3	TDM Cal Ver/Lin	119
Amino acids, qualitative	X	BGL	Biochemical Genetics	239
Amino acids, quantitative		BGL	Biochemical Genetics	239
Amitriptyline		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
	X	ZT	TDM, Special	60
Ammonia		C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN32	Ammonia Cal Ver/Lin	126
Amniotic fluid leakage (nitrazine)		AFL	Amniotic Fluid Leakage	146
Amobarbital		DFC	Drug-Facilitated Crime	107
Amphetamine		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
		UTCO	Urine Toxicology Carryover	131
Amphetamine group		DMPM	Drug Monitoring for Pain Management	106
		OFD	Oral Fluid for Drugs of Abuse	100
<b>Delayed until 2019</b>		T	Toxicology	96
		TQP	Toxicology Quality Program	108
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
<b>Amylase</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Amylase (cont.)</b>		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
<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	120
	X	U	Urine Chemistry, General	68
Anabasine		NTA	Nicotine and Tobacco Alkaloids	102
Analytical balance		I	Instrumentation	129
<i>Anaplasma phagocytophilum</i>		TTD	Antibody Detection-Tick-Transmitted Diseases	200
Anaplastic lymphoma kinase		PM6	Anaplastic Lymphoma Kinase IHC	268
Androstenedione	X	Y/YY	Ligand Assay, Special	84
Angiotensin converting enzyme		ACE	Angiotensin Converting Enzyme	71
Anti-A titer		ABT, ABT1	Antibody Titer	217
Anti-B titer		ABT3	Antibody Titer	217
Anti-beta-2-glycoprotein		CGE/CGEX	Coagulation, Extended	159
<b>Antibody detection</b>	X	<b>J, JAT</b>	Transfusion Medicine	214–215
		JATE1	Transfusion Medicine, Automated, Educational	215
	X	PS	Platelet Serology	219
		TMCA	Transfusion Medicine, Competency Assessment	219
Antibody detection/identification (HLA)	X	MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	230–231
	X	MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	230–231
<b>Antibody identification</b>		ETME1	Expanded Transfusion Medicine Exercises	223

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Antibody identification (cont.)</b>	X	<b>J, JAT</b>	Transfusion Medicine	214–215
		JATE1	Transfusion Medicine, Automated, Educational	215
		TMCA	Transfusion Medicine, Competency Assessment	219
Antibody screen (HLA)		MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	230–231
		MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	230–231
Anticardiolipin IgA, qualitative		ACL, APS	Antiphospholipid Antibody	205
Anticardiolipin IgA, quantitative		ACL, APS	Antiphospholipid Antibody	205
Anticardiolipin IgG, IgM, polyclonal; qualitative	X	ACL, APS	Antiphospholipid Antibody	205
Anticardiolipin IgG, IgM, polyclonal; quantitative		ACL, APS	Antiphospholipid Antibody	205
Anti-CCP		CCP	Cyclic Citrullinated Peptide Antibody	206
Anticentromere antibody		S2	Immunology, Special	203
Antichromatin antibody		ACA	Antichromatin Antibody	204
Anti-CMV, total	X	VM3	Viral Markers-Series 3	224
	X	VR3	Infectious Disease Serology	200
Anti-CMV, IgG, IgM	X	VR3	Infectious Disease Serology	200
Anti-D titer		ABT, ABT2	Antibody Titer	217
Anti-DNA (ds) antibody, qualitative	X	S2, S4	Immunology, Special	203
Anti-DNA (ds) antibody, quantitative		S2, S4	Immunology, Special	203
Anti-DNA topoisomerase (Sci-70)		RDS	Rheumatic Disease Special Serologies	207
Antideamidated gliadin peptide antibody, IgA, IgG, qualitative	X	CES, CESX	Celiac Serology	206
Antideamidated gliadin peptide antibody, IgA, IgG, quantitative		CES, CESX	Celiac Serology	206
Antideamidated gliadin peptide antibody screen, IgA, IgG		CES, CESX	Celiac Serology	206
Antideamidated gliadin peptide/tissue transglutaminase antibody screen, IgA, IgG		CES, CESX	Celiac Serology	206
Antiendomysial antibody IgA, qualitative		CES, CESX	Celiac Serology	206

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Antiendomysial antibody IgA, quantitative		CES, CESX	Celiac Serology	206
Antiendomysial antibody IgG, qualitative		CES, CESX	Celiac Serology	206
Antiendomysial antibody IgG, quantitative		CES, CESX	Celiac Serology	206
Antifilamentous actin IgG antibody		FCN	Antifilamentous Actin Antibody	204
Antifungal susceptibility testing	X	F	Mycology and Aerobic Actinomycetes	184
	X	F1	Yeast	184
<b>Antigen detection, bacterial</b>		CDF2	<i>Clostridium difficile</i> Detection	178
	X	CDF5	<i>Clostridium difficile</i> Detection	178
	X	D	Bacteriology	170
	X	D4	Bacteriology, Limited	173
	X	D6	Rapid Group A Strep	175
	X	D8	Group B Strep	176
	X	D9	Rapid Group A Strep, Waived	175
	X	HC1	<i>C. trachomatis</i> by DFA	178
	X	HC3	<i>C. trachomatis</i> by EIA	178
		LBAS	<i>Legionella pneumophila</i>	176
	X	MC1	Microbiology Combination	173
	X	MC2	Microbiology Combination	173
	X	MC4	Urine Colony Count Combination	174
	X	MC5	Throat Culture/Rapid Strep Combination	174
		POC4	POC Strep Screen Competency	52
		SBAS	<i>Streptococcus pneumoniae</i>	176
	X	VS	Vaginitis Screen	181
<b>Antigen detection, viral</b>	X	HC2	HSV by DFA	192
	X	VR2	Viral Antigen Detection by DFA	191
	X	VR4	Viral Antigen Detection by EIA and Latex	192
Antigliadin antibody IgA, IgG, qualitative	X	CES, CESX	Celiac Serology	206
Antigliadin antibody IgA, IgG, quantitative		CES, CESX	Celiac Serology	206
Antiglomerular basement membrane, qualitative	X	S2	Immunology, Special	203
Antiglomerular basement membrane, quantitative		S2	Immunology, Special	203

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Anti-HAV, IgM	X	VM5	Viral Markers-Series 5	225
Anti-HAV, IgG	X	VM1	Viral Markers-Series 1	224
Anti-HAV, total		VM1	Viral Markers-Series 1	224
<b>Anti-HBc, IgM</b>	X	VM5	Viral Markers-Series 5	225
<b>Anti-HBc, total</b>	X	VM1	Viral Markers-Series 1	224
Anti-HBe	X	VM2	Viral Markers-Series 2	224
Anti-HBs, qualitative	X	VM1	Viral Markers-Series 1	224
Anti-HBs, quantitative		VM1	Viral Markers-Series 1	224
Anti-HCV	X	RHCWV	Anti-HCV, Rapid Methods, Waived	225
	X	VM1	Viral Markers-Series 1	224
Antihistidyl t-RNA synthetase (Jo-1)		RDS	Rheumatic Disease Special Serologies	207
Antihistone antibody		AHT	Antihistone Antibody	204
<b>Anti-HIV-1</b>	X	AHIV	Anti-HIV Rapid Methods	225
	X	AHIVW	Anti-HIV Rapid Methods	225
	X	VM1	Viral Markers-Series 1	224
Anti-HIV-2	X	VM1	Viral Markers-Series 1	224
	X	AHIV	Anti-HIV Rapid Methods	225
<b>Anti-HIV-1/2</b>	X	AHIV	Anti-HIV Rapid Methods	225
	X	AHIVW	Anti-HIV Rapid Methods	225
	X	VM1	Viral Markers-Series 1	224
<b>Anti-HIV-1/2, HIV-1 p24 antigen</b>	X	VM6	Viral Markers-Series 6	225
Anti-HTLV-I/II		VM3	Viral Markers-Series 3	224
Anti-Jo-1(antihistidyl t-RNA synthetase)		RDS	Rheumatic Disease Special Serologies	207
Anti-LKM		LKM	Liver-Kidney Microsomal Antibody	207
<b>Antimicrobial susceptibility testing</b>	X	D	Bacteriology	170
	X	D2	Urine Cultures	172
	X	D4	Bacteriology, Limited	173
	X	D7	Throat, Urine Cultures	172
		MBT	Microbiology Bench Tools Competency	171
	X	MC1	Microbiology Combination with GC	173
	X	MC2	Microbiology Combination	173
	X	MC5	Throat Culture/Rapid Strep	174
Antimitochondrial antibody, qualitative	X	S2	Immunology, Special	203
Antimitochondrial M2 antibody		H	Antimitochondrial M2 Antibody	204
Anti-MPO		S2	Immunology, Special	203
Antimüllerian hormone		AMH	Antimüllerian Hormone	84
<b>Antimycobacterial susceptibility testing</b>	X	E	Mycobacteriology	183

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Antimycobacterial susceptibility testing (cont.)</b>		MTBR	Molecular MTB Detection and Resistance	183
Antineutrophil cytoplasmic antibody (ANCA)		S2	Immunology, Special	203
<b>Antinuclear antibody (ANA)</b>	X	<b>ANA, IL</b>	Immunology	202
Antiparietal cell antibody		APC	Autoimmune Gastritis Markers	204
Antiphospholipid antibody		ACL	Antiphospholipid Antibody	205
		CGE/CGEX	Coagulation, Extended	159
Antiphosphatidylserine antibodies (IgG, IgM, and IgA)		APS	Antiphosphatidylserine Antibodies	205
Anti-PR3		S2	Immunology, Special	203
Antiribosomal P antibody		ARP	Antiribosomal P Antibody	205
Anti-RNP antibody, qualitative	X	S2	Immunology, Special	203
Anti-RNP antibody, quantitative		S2	Immunology, Special	203
Anti- <i>Saccharomyces cerevisiae</i> antibody		ASC	Anti- <i>Saccharomyces cerevisiae</i> Antibody	205
Anti-Scl-70 (anti-DNA topoisomerase)		RDS	Rheumatic Disease Special Serologies	207
Anti-Sm antibody, qualitative	X	S2	Immunology, Special	203
Anti-Sm antibody, quantitative		S2	Immunology, Special	203
Anti-Sm/RNP antibody, qualitative	X	S2	Immunology, Special	203
Anti-Sm/RNP antibody, quantitative		S2	Immunology, Special	203
Antismooth muscle antibody	X	S2	Immunology, Special	203
Antisperm antibody IgG	X	ASA	Semen Analysis	154
Anti-SSA antibody, qualitative	X	S2	Immunology, Special	203
Anti-SSA antibody, quantitative		S2	Immunology, Special	203
Anti-SSB antibody, qualitative	X	S2	Immunology, Special	203
Anti-SSB antibody, quantitative		S2	Immunology, Special	203
Anti-SSA/SSB antibody, qualitative	X	S2	Immunology, Special	203
Anti-SSA/SSB antibody, quantitative		S2	Immunology, Special	203
<b>Antistreptolysin O (ASO)</b>	X	<b>ASO, IL</b>	Immunology	202

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Antithrombin (activity, Ag)		CGE/CGEX	Coagulation, Extended	159
		CGS2	Coag Special, Series 2	160–161
		LN35	Thrombophilia Cal Ver/ Lin	127
Antithyroglobulin antibody, qualitative	X	S2, S4	Immunology, Special	203
Antithyroglobulin antibody, quantitative		S2, S4	Immunology, Special	203
Antithyroid microsomal, qualitative	X	S2, S4	Immunology, Special	203
Antithyroid microsomal, quantitative		S2, S4	Immunology, Special	203
Antithyroid peroxidase, qualitative	X	S2, S4	Immunology, Special	203
Antithyroid peroxidase, quantitative		S2, S4	Immunology, Special	203
Antitissue transglutaminase antibody IgA, qualitative	X	CES, CESX	Celiac Serology	206
Antitissue transglutaminase antibody IgA, quantitative		CES, CESX	Celiac Serology	206
Antitissue transglutaminase antibody IgG, qualitative		CES, CESX	Celiac Serology	206
Antitissue transglutaminase antibody IgG, quantitative		CES, CESX	Celiac Serology	206
Anti- <i>Trypanosoma cruzi</i>		VM4	Viral Markers-Series 4	224
Apixaban		APXBN	Anticoagulant Monitoring, Apixaban	161
Apolipoprotein A1	X	ABL	Accuracy-Based Lipids	110
	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	110
	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	239
Aripiprazole		T	Toxicology	96
		UT	Urine Toxicology	96
Arsenic, urine		TMU	Trace Metals, Urine	103
Arsenic, whole blood		TMWB	Trace Metals, Whole Blood	103

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Arthropod identification		TMO	Ticks, Mites, and Other Arthropods	189
Aspartate aminotransferase (AST/SGOT)	X	C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Aspirin assay		PIA, PIAX	Drug-Specific Platelet Aggregation	165
Astrovirus		GIP	Gastrointestinal Panel	199
Atenolol		T	Toxicology	96
		UT	Urine Toxicology	96
Atropine		T	Toxicology	96
		UT	Urine Toxicology	96
Automated WBC differential	X	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
Autopsy pathology		AUP/AUP1	Autopsy Pathology	270
B-ALL		BALL	B-ALL Minimal Residual Disease	210
B-type natriuretic peptides	X	BNP	B-Type Natriuretic Peptides, 2 Chall	61
		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	125
		X	PCARM, PCARMX	Plasma Cardiac Markers
		POC12	Competency Plasma Cardiac Markers	53
<i>Babesia microti</i>		TTD	Antibody Detection of Tick-Transmitted Diseases	200
Bacterial antigen detection		CDF2	<i>Clostridium difficile</i> Detection	178

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	
Bacterial antigen detection (cont.)	X	CDF5	<i>Clostridium difficile</i> Detection	178	
	X	D	Bacteriology	170	
	X	D4	Bacteriology, Limited	173	
	X	D6	Rapid Group A Strep	175	
	X	HC1	<i>C. trachomatis</i> by DFA	178	
	X	HC3	<i>C. trachomatis</i> by EIA	178	
			LBAS	<i>Legionella pneumophila</i> Antigen Detection	176
	X	MC1	Microbiology Combination	173	
	X	MC2	Microbiology Combination	173	
	X	MC4	Urine Colony Count Combination	174	
X	MC5	Throat Culture/Rapid Strep Combination	174		
		POC4	POC Strep Screen Competency	52	
		SBAS	<i>S. pneumoniae</i> Antigen Detection	176	
	X	VS	Vaginitis Screen	181	
Bacterial detection in platelets		BDP, BDPV	Bacterial Detection, Platelets	222	
	X	BDP5, BDPV5	Bacterial Detection, Platelets	222	
Bacterial identification	X	D	Bacteriology	170	
	X	D1, D2, D3, D7	Throat, Urine, GC Cultures	172	
	X	D4	Bacteriology, Limited	173	
	X	D8	Group B Strep	176	
		DEX	Expanded Bacteriology	171	
	X	HC6/HC6X	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	194	
	X	HC7	<i>C. trachomatis</i> /GC DNA by NAA	194	
	X	IDR	Infectious Disease, Respiratory Panel	198	
	X	MC1	Microbiology Combination with GC	173	
	X	MC2	Microbiology Combination	173	
X	MC4	Urine Colony Count Combination	174		
X	MC5	Throat Culture/Rapid Strep	174		
		MBT	Microbiology Bench Tools Competency	171	
		MRS	Methicillin-Resistant <i>Staphylococcus aureus</i> Screen	179	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Bacterial identification (cont.)</b>		MRS2M	MRSA Screen Molecular, 2 Challenge	179
	X	<b>MRS5</b>	Methicillin-Resistant <i>Staphylococcus aureus</i> Screen	179
	X	<b>MRS5M</b>	MRSA Screen, Molecular, 5 Challenge	179
Bacterial strain typing		BSTS	Bacterial Strain Typing- <i>Staphylococcus</i>	195
Bacterial vaginosis screen		BV	Bacterial Vaginosis	181
		VS2	Vaginitis Screen, Virtual Gram Stain	182
Barbiturate group		DMPM	Drug Monitoring for Pain Management	106
		SDS	Serum Drug Screen	101
		T	Toxicology	96
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
<i>BCR/ABL1 p190</i>		MHO2, MHO3	Molecular Hematologic Oncology	254
		MRD1	Minimal Residual Disease	254
<i>BCR/ABL1 p210</i>		MHO2, MHO3	Molecular Hematologic Oncology	254
		MRD	Minimal Residual Disease	254
Bence Jones protein		UBJP	Urinary Bence Jones Protein	76
Benzodiazepine group		DMPM	Drug Monitoring for Pain Management	106
		OFD	Oral Fluid for Drugs of Abuse	100
		SDS	Serum Drug Screen	101
		T	Toxicology	96
		TQP	Toxicology Quality Program	108
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Benzoylcegonine		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96

Delayed until 2019

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Benzoylcegonine (cont.)		UTCO	Urine Toxicology Carryover	131
Beta-2-glycoprotein I		ACL, APS	Antiphospholipid Antibody	205
Beta-2-microglobulin, serum	X	TM/TMX	Tumor Markers	89
Beta-2-microglobulin, urine		CD	Cadmium	102
Beta-hydroxybutyrate	X	KET	Ketones	64
Beta globulin		SPE	Serum Electrophoresis	76
Beta-thalassemia		HGM	Hemoglobinopathies, Molecular Methods	240
Bile crystal identification		BCR	Bile Crystals	147
Bilirubin, confirmatory urine		DSC	Dipstick Confirmatory	147
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	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
	X	NB, NB2	Neonatal Bilirubin	65
<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	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
	X	<b>NB, NB2</b>	Neonatal Bilirubin	65
Bilirubin, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		DSC	Dipstick Confirmatory	147
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
Bioavailable testosterone		DY	Ligand Assay, Special	84
Biochemical genetics		BGL, BGL1	Biochemical Genetics	239
Bioterrorism agents		LPX	Laboratory Preparedness Exercise	180



Analyte/Procedure	LAP ENR	Program Code	Description	Pg
BK virus		ID1T	Nucleic Acid Amp, JC and BK	196
		VLS, VLS2	Viral Load	193
<b>Blood cell identification</b>	X	<b>BCP, BCP2</b>	Blood Cell Identification	134
		EHE1	Expanded Virtual Peripheral Blood Smear	142
	X	<b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	135
	X	<b>HEP</b>	Basic Hematology	134
		VPBS	Virtual Peripheral Blood Smear	141
		VBF	Virtual Body Fluid	146
Blood culture	X	BCS	Blood Culture	176
		GNBC	Gram-Negative Blood Culture Panel	199
		GPBC	Gram-Positive Blood Culture Panel	199
Blood culture <i>Staphylococcus aureus</i>		BCS1	Blood Culture <i>Staphylococcus aureus</i>	177
<b>Blood parasite</b>	X	<b>BP</b>	Blood Parasite	188
	X	<b>P</b>	Parasitology	187
Blood parasite, rapid		RMAL	Rapid Malaria	188
Bloom syndrome	X	MGL4	Molecular Genetics	241
Bocavirus		IDR	Infectious Disease Respiratory Panel	198
Body fluid case studies		VBF	Virtual Body Fluid	146
Body fluid (cell count)		ABF1, ABF2, ABF3	Automated Body Fluid	146
Body fluid (cell count)	X	HFC, HFCl	Hemocytometer Fluid Count	148-149
Body fluid cell identification		CMP/CMP1	Clinical Microscopy	144
Body fluid (chemistry)		FLD, FLD2	Body Fluid	72-73
Body fluid crystal identification		BFC	Crystals	147
Body fluid photographs		CMP, CMP1	Clinical Microscopy	144
Bone marrow cell differential		BMD	Bone Marrow Cell Differential	138
Bone marrow cell identification		BMD	Bone Marrow Cell Differential	138
Bone specific alkaline phosphatase		BMV2	Bone Markers and Vitamins	86
<b><i>Bordetella holmesii</i></b>	X	<b>IDR</b>	Nucleic Acid Amp, Organisms	198

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b><i>Bordetella parapertussis</i></b>		BOR	<i>Bordetella pertussis/parapertussis</i> , Molecular	177
		IDN, IDO	Nucleic Acid Amp, Organisms	196
	X	<b>IDR</b>	Infectious Disease Respiratory Panel	198
<b><i>Bordetella pertussis</i></b>		BOR	<i>Bordetella pertussis/parapertussis</i> , Molecular	177
		IDN, IDO	Nucleic Acid Amp, Organisms	196
	X	<b>IDR</b>	Infectious Disease Respiratory Panel	198
<i>Borrelia burgdorferi</i>		TTD	Antibody Detection of Tick-Transmitted Diseases	200
<i>BRAF</i>	X	BRAF	Mutation Testing	252
	X	MTP	Multigene Tumor Panel	253
<i>BRAF V600E</i>		BRAFV	<i>BRAF V600E</i>	267
<i>BRCA1/2</i>	X	MGL3	Molecular Genetics	241
<i>BRCA1/2</i> sequencing	X	BRCA	<i>BRCA1/2</i> Sequencing	240
<i>BRCA1/2</i> duplication/deletion analysis		BRCA	<i>BRCA1/2</i> Sequencing	240
Brain tissue by FISH		CYJ	Fluorescence In Situ Hybrid, Brain/Glioma Tissue	237
Brightfield in situ hybridization	X	ISH2	In Situ Hybridization	250
Brompheniramine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Buprenorphine		DMPM	Drug Monitoring for Pain Management	106
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Bupropion		T	Toxicology	96
		UT	Urine Toxicology	96
Butalbital		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Butalbital (cont.)		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
<b>C. difficile</b>		CDF2	<i>Clostridium difficile</i> Detection	178
	X	<b>CDF5</b>	<i>Clostridium difficile</i> Detection	178
	X	<b>D</b>	Bacteriology, Antigen Detection	170
		GIP	Gastrointestinal Panel	199
		SP, SPN	Stool Pathogens-Rapid and Molecular	180
CA 15-3		LN34	Tumor Markers Cal Ver/ Lin	126
	X	TM/TMX	Tumor Markers	89
CA 19-9		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		LN34	Tumor Markers Cal Ver/ Lin	126
	X	TM/TMX	Tumor Markers	89
CA 27.29	X	TM/TMX	Tumor Markers	89
CA 72-4	X	TM/TMX	Tumor Markers	89
CA 125		LN34	Tumor Markers Cal Ver/ Lin	126
	X	TM/TMX	Tumor Markers	89
Cadmium, urine	X	CD	Cadmium	102
Cadmium, whole blood	X	CD	Cadmium	102
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	89
<b>Calcium</b>		ABS	Accuracy-Based Testosterone and Estradiol	111
	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	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Calcium, urine		ABU	Accuracy-Based Urine	111
		LN6	Urine Chemistry Cal Ver/Lin	120

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Calcium, urine (cont.)	X	U	Urine Chemistry, General	68
Calcium, ionized	X	AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	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	122-123
		POC10, POC11	POC Competency Blood Gases	53
Calcofluor white		FSM	Fungal Smear	186
<i>Campylobacter</i>		CAMP	<i>Campylobacter</i>	177
		GIP	Gastrointestinal Panel	199
Canavan disease	X	MGL4	Molecular Genetics	241
<b>Candida culture</b>	X	<b>F3</b>	<i>Candida</i> Culture	185
<b>Candida sp.</b> , DNA probe	X	<b>VS</b>	Vaginitis Screen	181
Cannabinoids			See Delta-9-THC-COOH and Delta-9-THC	136
<b>Carbamazepine</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	119
		T	Toxicology	96
		UT	Urine Toxicology	96
Carbamazepine-10,11-epoxide		T	Toxicology	96
		UT	Urine Toxicology	96
Carbamazepine, free	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Carboxyhemoglobin	X	SO	Blood Oximetry	94
		SOQ	Quality Cross Check, Blood Oximetry	46
Carisoprodol		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Carnitine	X	BGL1	Biochemical Genetics	239
Casts, urine, semiquantitative		UAA, UAA1	Automated Urinalysis	147

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
CD1a		RFAV1	Rare Flow Antigen Validation CD1a	212
CD3	X	FL, FL1	Lymphocyte Subset Immunophenotyping	209
		LN22	Flow Cytometry Cal Ver/Lin	124
		SCP	Stem Cell Processing	221
CD4	X	FL, FL1	Lymphocyte Subset Immunophenotyping	209
		LN22	Flow Cytometry Cal Ver/Lin	124
CD8	X	FL, FL1	Lymphocyte Subset Immunophenotyping	209
		LN22	Flow Cytometry Cal Ver/Lin	124
CD20		PM3	Immunohistochemistry	268
CD34		CBT	Cord Blood Testing	221
	X	FL4	Flow Cytometry CD34+	209
		SCP	Stem Cell Processing	221
CD45		CBT	Cord Blood Testing	221
	X	FL, FL1	Lymphocyte Subset Immunophenotyping	209
		FL4	Flow Cytometry CD34+	209
		SCP	Stem Cell Processing	221
CD49d		ZAP70	ZAP-70 Analysis by Flow Cytometry	212
CD103		RFAV2	Rare Flow Antigen Validation, CD103	212
CD117 (c-kit)		PM1	Immunohistochemistry	268
CEA		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
	X	K, KK, K2	Ligand Assay, General	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Cell free DNA		CFDNA	Cell Free DNA	252
		NIPT	Non-invasive Prenatal Testing	87
Ceruloplasmin	X	S2, S4	Immunology, Special	203
CFU-GM		SCP	Stem Cell Processing	221
CH50		CH50	Total Hemolytic Complement	208
CH100		CH50	CH100	208
<i>Chlamydia trachomatis</i>	X	HC1	<i>C. trachomatis</i> by DFA	178
	X	HC3	<i>C. trachomatis</i> by EIA	178
	X	HC6, HC6X	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	194
	X	HC7	<i>C. trachomatis</i> /GC DNA by NAA	194

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<i>Chlamydia trachomatis</i> (cont.)		VR1	Virology Culture	191
<i>Chlamydia pneumoniae</i>		IDN, IDO	Nucleic Acid Amp, Organisms	196
	X	IDR	Infectious Disease, Respiratory Panel	198
Chlordiazepoxide		T	Toxicology	96
		UT	Urine Toxicology	96
Chloride	X	AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	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	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN13C	Blood Gas Cal Ver/Lin	122–123
		POC10, POC11	POC Competency Blood Gases	53
Chloride, sweat	X	SW1, SW2, SW3, SW4	Sweat Analysis Series	79
Chloride, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Chloride, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101
Chlorpheniramine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Cholesterol		ABL	Accuracy-Based Lipids	110
	X	C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Cholesterol (cont.)</b>	X	LCW	Ltd Chem, Waived	64
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Chromium	X	R	Trace Metals	78
		TMWB	Trace Metals, Whole Blood	103
Chromium, urine		TMU	Trace Metals, Urine	103
Chromosomal abnormalities	X	CY, CYBK	Cytogenetics	236
Citalopram		DFC	Drug-Facilitated Crime	107
		T	Toxicology	96
		UT	Urine Toxicology	96
Citrate		KSA	Kidney Stone Risk Assessment	69
<b>CK isoenzymes</b>	X	<b>CRTI</b>	Cardiac Markers	62
<b>CK-MB (immunochemical)</b>	X	<b>CRT, CRTI</b>	Cardiac Markers	62
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		<b>PCARM, PCARMX</b>	Plasma Cardiac Markers	65
		POC12	Competency Plasma Cardiac Markers	53
CK2 (MB)		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Clinical pathology improvement program		CPIP/CPIP1	Quality Management, Education	14
Clomipramine		T	Toxicology	96
		UT	Urine Toxicology	96
Clonazepam		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107
<b>Clostridium difficile</b>		CDF2	<i>Clostridium difficile</i> Detection	178

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Clostridium difficile (cont.)</b>	X	<b>CDF5</b>	<i>Clostridium difficile</i> Detection	178
		<b>D</b>	Bacteriology-Antigen Detection	170
		GIP	Gastrointestinal Panel	199
		SP, SPN	Stool Pathogens-Rapid and Molecular	180
Clozapine		T	Toxicology	96
		UT	Urine Toxicology	96
		ZE	Therapeutic Drug Monitoring, Extended	60
<b>CMV</b>		ID1	Nucleic Acid Amp, Viruses	196
		LN38	CMV Viral Load Cal Ver/Lin	127
		VLS, VLS2	Viral Load	193
		X VM3	Viral Markers-Series 3	224
		X <b>VR1</b>	Virology Culture	191
	X	<b>VR2</b>	Viral Antigen Detection by DFA	191
		VR3	Infectious Disease Serology	200
		X C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56-58
CO <sub>2</sub>		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		TMU	Trace Metals, Urine	103
Cobalt		TMWB	Trace Metals, Whole Blood	103
		FTC	Forensic Toxicology, Criminalistics	104
Cocaethylene		T	Toxicology	96
		UT	Urine Toxicology	96
		DMPM	Drug Monitoring for Pain Management	106
Cocaine		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDS, UDS6	Urine Drug Screen	98
Codeine		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Codeine (cont.)		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
<b>Compatibility testing</b>	X	<b>J, JAT</b>	Transfusion Medicine	214–215
		JATE1	Transfusion Medicine Automated, Educational	215
		TMCA	Transfusion Medicine, Competency Assessment	219
<b>Complement C3</b>	X	<b>IG/IGX</b>	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
<b>Complement C4</b>	X	<b>IG/IGX</b>	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
Complexed PSA	X	K/KK	Ligand Assay, General	82
Conductivity, sweat	X	SW1, SW2, SW3, SW4	Sweat Analysis Series	79
Connexin 26	X	MGL3	Molecular Genetics	241
Copper	X	R	Trace Metals	78
Copper, urine		TMU	Trace Metals, Urine	103
Copper, whole blood		TMWB	Trace Metals, Whole Blood	103
Coproporphyrins	X	N/NX	Urine Chemistry, Special	69
Coronavirus		ID2	Nucleic Acid Amp, Respiratory	197
		IDR	Infectious Disease, Respiratory Panel	198
<b>Cortisol</b>		ABS	Accuracy-Based Testosterone and Estradiol	111
	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
	X	<b>K/KK</b>	Ligand Assay, General	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Cortisol, salivary		SALC	Salivary Cortisol	77
Cortisol, urinary free	X	N/NX	Urine Chemistry, Special	69
Cotinine		NTA	Nicotine and Tobacco Alkaloids	102

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Cotinine (cont.)		T	Toxicology	96
		UT	Urine Toxicology	96
C-peptide	X	ING	Insulin, Gastrin, C-Peptide, PTH	86
C-reactive protein (CRP)	X	CRP, IL	Immunology	202
		LN12, LN12E	C-Reactive Protein Cal Ver/Lin	122
C-reactive protein, high-sensitivity (hsCRP)	X	HSCRP	High-Sensitivity C-Reactive Protein	64
		LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	124
<b>Creatine kinase (CK)</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
<b>Creatinine</b>	X	<b>AQ2, AQ4</b>	Aqueous Blood Gas	92
		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	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN24	Creatinine Accuracy Cal Ver/Lin	125
		SCO	Serum Carryover	131
Creatinine, urine		ABU	Accuracy-Based Urine	111
	X	BU	Bone and Mineral, Urine	85
	X	CD	Cadmium	102
		DAI	Urine Drug Adulterant/ Integrity Testing	98

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Creatinine, urine (cont.)		LN6	Urine Chemistry Cal Ver/Lin	120
		LN20	Urine Albumin Cal Ver/Lin	124
	X	U	Urine Chemistry, General	68
		UDC	Forensic Urine Drug Testing, Confirmatory	99
	X	UMC	Urine Albumin/ Creatinine	151
Creatinine, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101
Creatinine, whole blood	X	WBCR	Whole Blood Creatinine	66
Crossmatching		EXM, EXM2	Electronic Crossmatch	215–216
	X	J, JAT	Transfusion Medicine	214–215
	X	MX1B, MX1C, MXB, MXC	HLA Analysis, Class I	230–231
	X	MX2B, MX2C, MXB, MXC	HLA Analysis Class II	230–231
		TMCA	Transfusion Medicine, Competency Assessment	219
Cryptococcal antigen detection	X	CRYP	Cryptococcal Antigen Detection	185
	X	F	Mycology and Aerobic Actinomycetes	184
	X	F1	Yeast	184
<i>Cryptococcus neoformans/gatti</i>		IDME	Meningitis/Encephalitis Panel	198
<i>Cryptosporidium</i>		GIP	Gastrointestinal Panel	199
Cryptosporidium immunoassay, preserved specimen	X	P, P3, P4, P5	Parasitology	187
Crystals, urine (semiquantitative)		UAA	Automated Urinalysis	147
Crystal identification (bile)		BCR	Bile crystals	147
Crystal identification (body fluid)		BFC	Body Fluid Crystals	147
Crystal identification (body fluid, urine and bile)		BFC	Body Fluid Crystals	147
Crystal identification (urine)		URC	Urine Crystals	147
CSF antigen detection	X	D	Bacteriology	170
C-telopeptide (CTX)		BMV5	Bone Markers and Vitamin	86
		BU	Bone and Mineral, Urine	85
Cyclic citrullinated peptide antibody		CCP	Anti-cyclic Citrullinated Peptide Antibody	206

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Cyclobenzaprine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
<i>Cyclospora cayatanensis</i>		GIP	Gastrointestinal Panel	199
Cyclosporine	X	CS	Immunosuppressive Drugs	59
		LN31	Immunosuppressive Drugs Cal Ver/Lin	126
CYP2C9		PGX	Pharmacogenetics	243
CYP2C19		PGX	Pharmacogenetics	243
CYP2D6		PGX	Pharmacogenetics	243
CYP3A4		PGX	Pharmacogenetics	243
CYP3A5		PGX	Pharmacogenetics	243
Cystatin C		CYS	Cystatin C	74
Cystic fibrosis	X	MGL2, MGL5	Molecular Genetics	241
Cystine		KSA	Kidney Stone Risk Assessment	69
Cytogenomic microarray		CYCGH	Constitutional Microarray Analysis	238
		CYCMA	Cytogenomic Microarray Analysis for Oncologic Abnormality	238
Cytology proficiency testing			See Cytopathology GYN proficiency testing	136
Cytomegalovirus (CMV)		ID1	Nucleic Acid Amp, Viruses	196
		IDME	Meningitis/Encephalitis Panel	198
		LN38	CMV Viral Load Cal Ver/Lin	127
		VLS, VLS2	Viral Load	193
	X	VM3	Viral Markers-Series 3	224
	X	VR1	Virology Culture	191
	X	VR2	Virology by DFA	191
	X	VR3	Infectious Disease Serology	200
Cytopathology GYN education		PAPCE1	PAP Edu, Conventional	273
		PAPJE1	PAP Edu, All Technologies	273
		PAPKE1	PAP Edu, SurePath	273
		PAPME1	PAP Edu, ThinPrep	273
		PAPCPT	PAP PT, Conventional	272
Cytopathology GYN proficiency testing		PAPJPT	PAP PT, Combination	272
		PAPKPT	PAP PT, SurePath	272
		PAPLPT	PAP PT, Combination	272
		PAPMPT	PAP PT, ThinPrep	272

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Cytopathology, nongynecologic		FNA/FNA1	Fine-Needle Aspiration-Online	277
		FNAG/FNAG1	Fine-Needle Aspiration-Glass	278
		NGC/NGC1	Nongynecologic Cytopath Edu Prgm	276
Cytopreparation differential		HFC	Hemocytometer Fluid Count	148
Dabigatran		DBGN	Anticoagulant Monitoring, Dabigatran	161
D-dimer, qualitative		CGDF	Coagulation, D-dimer/FDP	158
		CGL	Coagulation, Limited	158
D-dimer, quantitative	X	CGDF	Coagulation, D-dimer/FDP	158
		CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
		LN42	D-dimer Cal Ver/Lin	128
	X	PCARM, PCARMX	Plasma Cardiac Markers	65
		POC12	Competency Plasma Cardiac Markers	53
Delta-9-THC		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UT	Urine Toxicology	96
Delta-9-THC-COOH		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
		UTCO	Urine Toxicology Carryover	131
	Deoxy pyridinoline (DPD)		BU	Bone and Mineral, Urine
Dermatopathology		DPATH/DPATH1	Online Digital Slide Program	259
<b>Dermatophyte identification</b>	X	F	Mycology and Aerobic Actinomycetes	184
Desalkylflurazepam		T	Toxicology	96
		UT	Urine Toxicology	96
Desipramine		DFC	Drug-Facilitated Crime	107

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Desipramine (cont.)		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
	X	ZT	TDM, Special	60
Desmethylclomipramine		T	Toxicology	96
		UT	Urine Toxicology	96
Desmethylocyclobenzaprine		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Desmethylsertraline		T	Toxicology	96
		UT	Urine Toxicology	96
Dextromethorphan		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
DHEA sulfate	X	Y/YY	Ligand Assay, Special	84
DIA (Dimeric inhibin A)	X	FP/FPX	Maternal Screen	87
Diazepam		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UT	Urine Toxicology	96
<b>Differential, automated</b>	X	<b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
		HFC, HFCl	Hemocytometer Fluid Count	148-149
		EHE1	Expanded Virtual Peripheral Blood Smear	142
Differential (fluid), manual		VPBS	Virtual Peripheral Blood Smear	141
Differential (bone marrow), manual		BMD	Bone Marrow Cell Differential	138
Digital slide program in fine-needle aspiration, online		FNA/FNA1	Online Digital Slide Program	277
<b>Digoxin</b>	X	<b>CZ, CZ2X, CZX, Z</b>	Chemistry and TDM	56-58

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Digoxin (cont.)</b>		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN3	TDM Cal Ver/Lin	119
Digoxin, free	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Dihydrocodeine		T	Toxicology	96
		UT	Urine Toxicology	96
Diltiazem		T	Toxicology	96
		UT	Urine Toxicology	96
Dilute prothrombin time		CGE/CGEX	Coagulation, Extended	159
Dilute Russell's viper venom time		CGE/CGEX	Coagulation, Extended	159
Dimeric inhibin A (DIA)	X	FP, FPX	Maternal Screen	87
Diphenhydramine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Diphenylhydantoin			See Phenytoin	
Direct antiglobulin testing	X	DAT	Direct Antiglobulin Testing	218
		TMCAD	Transfusion Medicine, Competency Assessment	219
Direct bilirubin	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	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
	X	NB, NB2	Neonatal Bilirubin	65
Disease association/drug risk		DADR1, DADR2	Disease Association/ Drug Risk	233
Disopyramide	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
DMD/Becker	X	MGL2	Molecular Genetics	241
DNA analysis	X	DML	HLA Molecular Typing	231
		FID	Forensic Identity	280
		MHO	Molecular Oncology	254
	X	PARF	Parentage/Relationship	227
DNA content/cell cycle analysis		FL, FL2	Flow Cytometry	209

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
DNA extraction and amplification		MHO5	Molecular Oncology Hematologic	251, 254
DNA fingerprinting		IDN, IDO	Nucleic Acid Amp, Organisms	196
DNA mismatch repair		HQMMR	HistoQIP Mismatch Repair IHC	264
		MMR	DNA Mismatch Repair	267
DNA sequencing		SEC, SEC1	DNA Sequencing	242
Dopamine	X	N/NX	Urine Chemistry, Special	69
Doxepin		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Doxylamine		DFC	Drug-Facilitated Crime	107
		T	Toxicology	96
		UT	Urine Toxicology	96
DPYD		PGX3	Pharmacogenetics	243
Duloxetine		T	Toxicology	96
		UT	Urine Toxicology	96
Ecgonine ethyl ester		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Ecgonine methyl ester		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
<i>E. coli</i> O157		GIP	Gastrointestinal Panel	199
EGFR-Epidermal growth factor receptor	X	EGFR	Mutation Testing	252
	X	MTP	Multigene Tumor Panel	253
eGFR		LN24	Creatinine Accuracy CalVer/Lin	125
Electronic crossmatch		EXM, EXM2	Electronic Crossmatch	215–216
Electrophoresis	X	HG	Hemoglobinopathy	139
		LPE	Lipoprotein Electrophoresis	76
	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
	X	SPE	Protein Electrophoresis	76
		UBJP	Urinary Bence Jones Proteins	76
Elution, antibody		ELU	Eluate	218
		TMCAE	Eluate Competency Assessment	220
Embryology		EMB	Embryology	155
Enterococcal agglutination (EAEC)		GIP	Gastrointestinal Panel	199



Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Enteropathogenic <i>E. coli</i> (EPEC)		GIP	Gastrointestinal Panel	199
Enterotoxigenic <i>E. coli</i> (ETEC)		GIP	Gastrointestinal Panel	199
<b>Enterovirus</b>		ID1	Nucleic Acid Amp, Viruses	196
		IDME	Meningitis/Encephalitis Panel	198
	X	IDR	Infectious Disease, Respiratory Panel	198
	X	VR1	Virology Culture	191
Eosinophils, urine		SCM2	Special Clinical Microscopy	150
Ephedrine		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Epidermal growth factor receptor ( <i>EGFR</i> )	X	EGFR	Mutation Testing	252
	X	MTP	Multigene Tumor Panel	253
Epinephrine		N/NX	Urine Chemistry, Special	69
Epithelial cells, urine, semiquantitative		UAA1	Automated Urinalysis	147
Epstein-Barr virus (EBV)		ID1	Nucleic Acid Amp, Viruses	196
		ISH	In Situ Hybridization	250
		VLS, VLS2	Viral Load	193
		VR3	Antibody Detection-Infectious Disease Serology	200
ER, PgR by immunohistochemistry	X	PM2	ER, PgR by Immunohistochemistry	269
Erythrocyte sedimentation rate		ESR, ESR1, ESR2, ESR3	Erythrocyte Sedimentation Rate	134
Erythropoietin		EPO	Erythropoietin	86
<i>Escherichia coli</i> K1		IDME	Meningitis/Encephalitis Panel	198
<i>Escherichia coli</i> O157		GIP	Gastrointestinal Panel	199
Estradiol		ABS	Accuracy-Based Testosterone and Estradiol	111
		LN8	Reproductive Endocrinology Cal Ver/ Lin	121
	X	Y/YY	Ligand Assay, Special	84
Estriol, unconjugated (uE3)	X	FP/FPX	Maternal Screen	87
	X	Y/YY	Ligand Assay, Special	84
Estrogen receptors by immunohistochemistry	X	PM2	ER, PgR by Immunohistochemistry	269

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Ethanol</b>	X	AL1	Whole Blood Alcohol/ Ethylene Glycol/ Volatiles	101
	X	AL2	Serum Alcohol/Ethylene Glycol/Volatiles	101
		LN11	Serum Ethanol Cal Ver/ Lin	122
Ethanol, urine		UDS, UDS6	Urine Drug Screen	98
Ethanol, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101
ETEC (Enterotoxigenic <i>E. coli</i> )		GIP	Gastrointestinal Panel	199
<b>Ethosuximide</b>	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Ethylene glycol		AL1	Whole Blood Alcohol/ Ethylene Glycol/ Volatiles	101
		AL2	Serum Alcohol/Ethylene Glycol/Volatiles	101
Ethyl glucuronide (EtG)		ETB	Ethanol Biomarkers	102
Ethyl sulfate (EtS)		ETB	Ethanol Biomarkers	102
Euglobulin Test		CGE/CGEX	Coagulation, Extended	159
Everolimus		EV	Everolimus	59
Factor II		CGE/CGEX	Coagulation, Extended	159
Factor II mutation	X	TPM	Thrombophilia Mutations	244
	X	MGL1	Molecular Genetics	241
Factor V		CGE/CGEX	Coagulation, Extended	159
Factor V Leiden mutation	X	MGL1	Molecular Genetics	241
	X	TPM	Thrombophilia Mutations	244
Factor VII		CGE/CGEX	Coagulation, Extended	159
Factor VIII	X	CGE/CGEX	Coagulation, Extended	159
	X	CGS3	Coag Special, Series 3	160–161
Factor VIII inhibitor		CGE/CGEX	Coagulation, Extended	159
Factor IX		CGE/CGEX	Coagulation, Extended	159
Factor X		CGE/CGEX	Coagulation, Extended	159
Factor XI		CGE/CGEX	Coagulation, Extended	159
Factor XII		CGE/CGEX	Coagulation, Extended	159
Factor XIII		CGE/CGEX	Coagulation, Extended	159
Familial dysautonomia	X	MGL4	Molecular Genetics	241
Fanconi anemia, complementation grp. C	X	MGL4	Molecular Genetics	241
Fecal fat, qualitative		FCFS	Fecal Fat	75
Fecal lactoferrin		FLAC	Fecal Lactoferrin	178
Fentanyl		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Fentanyl (cont.)		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Fern test (vaginal)	X	CMMP	Clinical Microscopy, Misc	145
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	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Fetal fibronectin	X	FF	Fetal Fibronectin	86
Fetal hemoglobin (gastric fluid)		APT	Fetal Hemoglobin	148
Fetal hemoglobin identification	X	HG	Hemoglobinopathy	139
Fetal membrane rupture		ROM1	Rupture of Fetal Membrane	150
Fetal red cell quantitation	X	HBF	Fetal Red Cell Detection	218
		TMCAF	Transfusion Medicine, Competency Assessment	220
Fetal screen (Rosette testing)	X	HBF	Fetal Red Cell Detection	218
		TMCAF	Transfusion Medicine, Competency Assessment	220
Fibrin monomer		CGE/CGEX	Coagulation, Extended	159
<b>Fibrinogen</b>	X	CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
		LN44	Fibrinogen, Cal Ver/Lin	128
Fibrinogen antigen		CGE/CGEX	Coagulation, Extended	159
Fibrinogen degradation products, plasma		CGDF	Coagulation, D-dimer/ FDP	158
		CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
Fibrinogen degradation products, serum		CGDF	Coagulation, D-dimer/ FDP	158
		CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
Fine-needle aspiration, digital slide program		FNA/FNA1	Online Digital Slide Program	277

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Fine-needle aspiration, glass slides		FNAG/FNAG1	Fine-Needle Aspiration	278
FISH for breast carcinoma hybridization and interpretation on site ( <i>HER2</i> gene amplification)	X	CYH	Fluorescence In Situ Hybridization, Breast Cancer	237
FISH for brain/glioma		CYJ	Fluorescence In Situ Hybridization, Brain/ Glioma Tissue	237
FISH for constitutional and hematologic disorders		CYF	Fluorescence In Situ Hybridization	236
FISH for lymphoma		CYL	Fluorescence In Situ Hybridization, Lymphoma	237
FISH for paraffin-embedded tissue		CYH	Fluorescence In Situ Hybridization, Breast Cancer	237
		CYJ	Fluorescence In Situ Hybridization, Brain/ Glioma Tissue	237
		CYK	Fluorescence In Situ Hybridization, Sarcoma Tissue or Pediatric Neoplasm	237
		CYL	Fluorescence In Situ Hybridization, Lymphoma	237
FISH for sarcoma		CYK	Fluorescence In Situ Hybridization, Sarcoma Tissue or Pediatric Neoplasm	237
FISH for urothelial carcinoma hybridization and interpretation on-site	X	CYI	Fluorescence In Situ Hybridization, Urothelial Carcinoma	236
Flunitrazepam		T	Toxicology	96
		UT	Urine Toxicology	96
Fluorescent microscope check		I	Instrumentation	129
Fluoxetine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Flurazepam		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Folate, RBC	X	FOL	RBC Folate	88
Folate, serum	X	K, KK, K2	Ligand Assay, General	82

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Folate, serum (cont.)		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Follicle-stimulating hormone (FSH)		ABS	Accuracy-Based Testosterone, Estradiol	111
		LN8	Reproductive Endocrinology Cal Ver/Lin	121
	X	Y/Y	Ligand Assay, Special	84
Fondaparinux		FNPX	Anticoagulant Monitoring, Fondaparinux	161
Forensic identity (DNA)		FID	Forensic Identity	280
Forensic pathology		FR/FR1	Forensic Pathology	281
Forensic toxicology		FTC	Forensic Toxicology, Criminalistics	104
Fragile X	X	MGL1	Molecular Genetics	241
Free beta hCG		FP1B	First Trimester Maternal Screening, Free Beta	87
Free testosterone	X	DY	Ligand Assay, Special	84
Friedreich ataxia	X	MGL2	Molecular Genetics	241
Fructosamine		FT	Fructosamine	75
Fungal culture		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
Fungal serology		FSER	Fungal Serology	185
<b>Fungus identification</b>	X	F	Mycology and Aerobic Actinomycetes	184
	X	F1	Yeast	184
	X	F3	<i>Candida</i> culture	185
Gabapentin		DMPM	Drug Monitoring for Pain Management	106
		T	Toxicology	96
		UT	Urine Toxicology	96
		ZE	Therapeutic Drug Monitoring, Extended	60
Galactomannan		FGAL	Galactomannan	185
Gamma globulin		M, OL1	CSF Chemistry	74
		SPE	Serum Electrophoresis	76
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	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Gamma hydroxybutyrate		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
<b>Gardnerella vaginalis, DNA Probe</b>	X	VS	Vaginitis Screen	181
Gastric occult blood		GOCB	Gastric Occult Blood	148
Gastric pH		GOCB	Gastric Occult Blood	148
Gastrin	X	ING	Insulin, Gastrin, C-Peptide, PTH	86
Gaucher disease	X	MGL4	Molecular Genetics	241
Genomic copy number array		CYCGH	Constitutional Microarray Analysis	238
<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	119
<i>Giardia</i>		GIP	Gastrointestinal Panel	199
<b>Giardia immunoassay, preserved specimen</b>	X	P, P3, P4, P5	Parasitology	187
<b>Giemsa stain</b>	X	BP	Blood Parasite	188
	X	P	Parasitology	187
Glioma by FISH		CYJ	Fluorescence In Situ Hybridization, Brain/Glioma Tissue	237
<b>Glucose</b>	X	AQ2, AQ4	Aqueous Blood Gas	92
		AQ2Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X	C1, C3, C3X, C4, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN13C	Blood Gas Cal Ver/Lin	122–123
Glucose, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
Glucose, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Glucose, urine (cont.)	X	HCC2	Waived Combination	66
		LN6	Urine Chemistry Cal Ver/Lin	120
		POC3	POC Urine Dipstick Competency	52
Glucose, vitreous fluid	X	U	Urine Chemistry, General	68
		VF	Vitreous Fluid, Post-mortem	101
Glucose, whole blood	X	HCC	Waived Combination	66
		HCC2	Waived Combination	66
	X	LCW	Ltd Chem, Waived	64
		LN17	Whole Blood Glucose Cal Ver/Lin	123
		POC2	POC Glucose Competency	52
	X	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	75
Glutaraldehyde, urine		DAI	Urine Drug Adulterant/ Integrity Testing	98
Glycated serum albumin		GSA	Glycated Serum Albumin	64
Glycogen storage disease type 1A	X	MGL4	Molecular Genetics	241
Glycohemoglobin	X	GH2, GH5, GH5I	Hemoglobin A <sub>1c</sub>	63
		GHQ	Quality Cross Check, Hemoglobin A <sub>1c</sub>	44
		LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	123
Glycosaminoglycans (mucopolysaccharides)		BGL	Biochemical Genetics	239
<b>Gram stain</b>	X	<b>D</b>	Bacteriology	170
		<b>D2, D3, D7</b>	Throat, Urine, GC Cultures	172
		<b>D4</b>	Bacteriology, Ltd	173
		<b>D5</b>	Gram Stain	174
		<b>MC1</b>	Microbiology Combination with GC	173
		<b>MC2</b>	Microbiology Combination	173
		<b>MC5</b>	Throat Culture/Rapid Strep	174
		VGS1	Virtual Gram Stain Basic	175

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	
<b>Gram stain (cont.)</b>		VGS2	Virtual Gram Stain Advanced	175	
		VS2	Vaginitis Screen, Virtual Gram stain	182	
<b>Group A Streptococcus antigen detection</b>	X	<b>D</b>	Bacteriology	170	
		<b>D4</b>	Bacteriology, Limited	173	
		<b>D6</b>	Rapid Group A Strep	175	
		<b>D9</b>	Rapid Group A Strep, Waived	175	
		<b>MC1</b>	Microbiology Combination with GC	173	
X	<b>MC2</b>	Microbiology Combination	173		
	<b>MC4</b>	Urine Colony Count Combination	174		
X	<b>MC5</b>	Throat Culture/Rapid Strep	174		
	POC4	POC Strep Screen Competency	52		
<b>Group B Streptococcus</b>	X	<b>D8</b>	Group B Strep	176	
Growth hormone	X	Y/YY	Ligand Assay, Special	84	
<b>Gyn cytopathology</b>			See Cytopathology GYN Proficiency Testing		
Gyn cytopathology education			See Cytopathology GYN Education		
<i>Haemophilus influenzae</i>		IDME	Meningitis/Encephalitis Panel	198	
Haptoglobin	X	IG/IGX	Immunology, General	202	
		S2/S4	Immunology, Special	203	
<b>HBeAg</b>	X	<b>VM2</b>	Viral Markers-Series 2	224	
<b>HBsAg</b>	X	<b>VM1</b>	Viral Markers-Series 1	224	
HBV	X	HBVL, HBVL5	Hepatitis Viral Load	193	
		NAT	Nucleic Acid Testing	226	
HCV	X	HCV2	Hepatitis Viral Load, Genotyping and Qualitative	193	
		LN45	HCV Viral Load Cal Ver/Lin	127	
		NAT	Nucleic Acid Testing	226	
<b>HDL cholesterol</b>		ABL	Accuracy-Based Lipid	110	
		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	64
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>HDL cholesterol (cont.)</b>		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118	<b>Hemoglobin (cont.)</b>		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
<i>Helicobacter pylori</i>	X	HPS	<i>H. pylori</i> Antigen, Stool	178		X	<b>FH15</b>	Centrifugal Hematology	135
	X	S2, S4	<i>H. pylori</i> IgG Antibody	203		X	HCC	Waived Combination	66
	X	S5	<i>H. pylori</i> IgG Antibody	203		X	HCC2	Waived Combination	66
	X	VR3	<i>H. pylori</i> IgG Antibody	200		X	<b>HE, HEP</b>	Basic Hematology	134
<b>Hematocrit</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92			LN9	Hematology Cal Ver/Lin	121
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46			POC7	POC/Waived Glucose and Hemoglobin Competency	52
		CBT	Cord Blood Testing	221		X	SO	Stem Cell Processing	221
	X	<b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	135			SOQ	Quality Cross Check, Blood Oximetry	46
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47	Hemoglobin electrophoresis	X	HG	Hemoglobinopathy	139
	X	<b>FH15</b>	Centrifugal Hematology	135	<b>Hemoglobin, estimated</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
	X	HCC2	Waived Combination	66			AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X	<b>HE, HEP</b>	Basic Hematology	134			POC10, POC11	POC Competency Blood Gases	53
		POC10, POC11	POC Competency Blood Gases	53	Hemoglobin, plasma		PHG	Plasma Hemoglobin	76
		SCP	Stem Cell Processing	221	Hemoglobin, urine	X	CMP, CMP1	Clinical Microscopy	144
	X	<b>SO</b>	Blood Oximetry	94			CMQ	Quality Cross Check, Urinalysis	48
		SOQ	Quality Cross Check, Blood Oximetry	46		X	HCC2	Waived Combination	66
Hematology case studies		EHE1	Expanded Virtual Peripheral Blood Smear	142			POC3	POC Urine Dipstick Competency	52
		BMD	Bone Marrow Cell Differential	138	Hemoglobin A <sub>1c</sub>	X	GH2, GH5, GH5I	Hemoglobin A <sub>1c</sub>	63
		VPBS	Virtual Peripheral Blood Smear	141			GHQ	Quality Cross Check, Hemoglobin A <sub>1c</sub>	44
Hematopathology online education		HPATH, HPATH1	Hematopathology Online Education	143			LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	123
Hemochromatosis	X	MGL1	Molecular Genetics	241	Hemoglobin A <sub>2</sub> quantitation	X	HG	Hemoglobinopathy	139
Hemocytometer fluid count	X	HFC, HFCL	Hemocytometer Fluid Count	148-149	Hemoglobin F quantitation	X	HG	Hemoglobinopathy	139
<b>Hemoglobin</b>		CBT	Cord Blood Testing	221	Hemoglobin S/C	X	HGM	Hemoglobinopathies Genotyping	240
	X	<b>FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P</b>	Hematology, Auto Diff	135		X	MGL2	Molecular Genetics	241
					Hemolytic complement, total		CH50	Total Hemolytic Complement	208
					Hemosiderin, urine		SCM1	Special Clinical Microscopy	150
					Heparin assay		CGS4	Coag Special, Series 4	160-161
					Heparin-induced thrombocytopenia		CGE/CGEX	Coagulation, Extended	159

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Heparin-induced thrombocytopenia (cont.)		CGS5	Coag Special, HIT	160–161
		CGS6	Coagulation Special	160–161
		CGS8	Coag Special, HIT	160–161
Heparin, low molecular weight		LN36	Heparin Cal Ver/Lin	127
Heparin, unfractionated		LN36	Heparin Cal/Ver Lin	127
Heparin/platelet Factor IV		CGS5	Coag Special, HIT	160–161
		CGS6	Coagulation Special	160–161
Hepatitis B virus	X	HBVL, HBVL5	Hepatitis Viral Load	193
Hepatitis C virus	X	HCV2	Hepatitis Viral Load, Genotyping and Qualitative	193
		LN45	HCV Viral Load Cal Ver/ Lin	127
HER2, gastric		GHER2	Gastric HER2	269
HER2 gene amplification by ISH	X	ISH2	In Situ Hybridization	250
HER2 gene amplification by FISH, hybridization and interpretation on site	X	CYH	Fluorescence In Situ Hybridization, Breast Cancer	237
HER2 by immunohistochemistry	X	HER2	HER2 by Immunohistochemistry	269
HER2 by molecular testing		MTP	Multigene Tumor Panel	253
Herpes simplex virus (HSV)	X	HC2	HSV by DFA	192
	X	HC4	HSV Culture	192
		ID1	Nucleic Acid Amp, Viruses	196
		IDME	Meningitis/Encephalitis Panel	198
	X	VR1	Virology Culture	191
	X	VR2	Viral Antigen by DFA	191
	X	VR3	Antibody Detection-Infectious Disease Serology	200
HHV6		ID1	Nucleic Acid Amp, Viruses	196
		IDME	Meningitis/Encephalitis Panel	198
		VLS2	Viral Load	193
HHV8		ID1	Nucleic Acid Amp, Viruses	196
High molecular weight kininogen		CGE/CGEX	Coagulation, Extended	159
High-sensitivity C-reactive protein	X	HSCRCP	hsCRP	64

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
High-sensitivity C-reactive protein (cont.)		LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	124
Histotechnology quality improvement		HQIP, HQIPBX, HQBX1, HQBX2, HQBX3, HQBX4, HQIHC, HQMMR, HQNSC	HistoQIP	263–266
HIV	X	HIVG, HV2	HIV Viral Load	193
		LN39	HIV Viral Load Cal Ver/ Lin	127
	X	NAT	Nucleic Acid Testing	226
HIV genotyping		HIVG	HIV Viral Genotyping	193
HIV-1 p24 antigen	X	VM3	Viral Markers-Series 3	224
HIV-1 p24 antigen, <b>Anti HIV 1/2</b>	X	<b>VM6</b>	Viral Markers-Series 6	225
HLA-A, -B, -C antibody identification	X	MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	230–231
	X	MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	230–231
HLA-(Class I/II) crossmatching	X	MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	230–231
	X	MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	230–231
HLA-(Class I/II) antibody screen		MX1B, MX1C, MX1E, MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class I/II	230–231
HLA-B*1502		PGX2	Pharmacogenetics	243
HLA-B27 typing	X	B27	HLA-B27 Typing	231
HLA-B*5701		PGX2	Pharmacogenetics	243
		DADR1	Disease Association, Drug Risk	233
HLA-B*57:01		DADR1	Disease Association, Drug Risk	233
HLA-B*58:01		DADR1	Disease Association, Drug Risk	233
HLA-DQA1*03/DQB1*03:02		DADR2	Disease Association, Drug Risk	233
HLA-DQA1*05/DQB1*02		DADR2	Disease Association, Drug Risk	233
HLA molecular typing	X	DML	HLA Molecular Typing	231
Homocysteine	X	HMS	Homocysteine	64

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Homocysteine (cont.)		LN16	Homocysteine Cal Ver/ Lin	123
Homovanillic acid	X	N/NX	Urine Chemistry, Special	69
<b>HPV (cytopathology), high-risk</b>	X	<b>CHPVD</b>	Digene Specimen Transport Medium	274
	X	<b>CHPVJ</b>	Mixed Medium	274
	X	<b>CHPVK</b>	SurePath Preservative Fluid Transport Medium	274
	X	<b>CHPVM</b>	ThinPrep PreservCyt Transport Medium	274
		HPV	Digene Hybrid Capture Technology Only	195
		ISH	In Situ Hybridization	250
<b>HSV</b>	X	<b>HC2</b>	HSV by DFA	192
	X	<b>HC4</b>	HSV Culture	192
		ID1	Nucleic Acid Amp, Viruses	196
	X	<b>VR1</b>	Virology Culture	191
	X	<b>VR2</b>	Viral Antigen by DFA	191
	X	VR3	Antibody Detection-Infectious Disease Serology	200
<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	87
	X	<b>HCG, IL</b>	Immunology	202
	X	<b>K/KK</b>	Ligand Assay, General	82
		LN5	Ligand Assay Cal Ver/Lin	119-120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119-120
		LN8	Reproductive Endocrinology Cal Ver/ Lin	121
		SCO	Serum Carryover	131
<b>Human chorionic gonadotropin (hCG), urine (qualitative)</b>	X	<b>CMP, CMP1</b>	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		POC1	POC hCG Competency	52
		POC3	POC Urine Dipstick Competency	52
	X	<b>UHCG</b>	Urine HCG	150
<b>Human epididymis protein 4</b>		HUEP	Human Epididymis Protein 4	89

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Human herpesvirus 6</b>		ID1	Nucleic Acid Amp, Viruses	196
		IDME	Meningitis/Encephalitis Panel	198
		VLS2	Viral Load	193
<b>Human herpesvirus 8</b>		ID1	Nucleic Acid Amp, Viruses	196
<b>Human immuno-deficiency virus (HIV)</b>	X	HIVG, HV2	HIV Viral Load	193
		HIVG	HIV Genotyping	193
		LN39	HIV Viral Load Cal Ver/ Lin	127
<b>Human metapneumovirus</b>		ID2	Nucleic Acid Amp, Respiratory	197
	X	<b>IDR</b>	Infectious Disease, Respiratory Panel	198
<b>Human papillomavirus (cytology) high-risk</b>	X	<b>CHPVD</b>	Digene Specimen Transport Medium	274
	X	<b>CHPVJ</b>	Mixed Medium	274
	X	<b>CHPVK</b>	SurePath Preservative Fluid Transport Medium	274
	X	<b>CHPVM</b>	ThinPrep PreservCyt Transport Medium	274
		HPV	Digene Hybrid Capture Technology Only	195
		ISH	In Situ Hybridization	250
<b>Human papillomavirus (cytology) high-risk genotyping</b>		CHPVJ	Mixed Medium	274
		CHPVM	ThinPrep PreservCyt Transport Medium	274
<b>Human parechovirus</b>		IDME	Meningitis/Encephalitis Panel	198
<b>Huntington disease</b>	X	<b>MGL2</b>	Molecular Genetics	241
<b>Hydrocodone</b>		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
<b>Hydromorphone</b>		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Hydromorphone (cont.)		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
Hydroxyzine		T	Toxicology	96
		UT	Urine Toxicology	96
Ibuprofen		T	Toxicology	96
		UT	Urine Toxicology	96
IDH1		GLI	Glioma	253
IDH2		GLI	Glioma	253
IgA	X	IG/IGX	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
IgA, electrophoresis	X	SPE	Protein Electrophoresis	76
IgD		S2, S4	Immunology, Special	203
IgE	X	IG/IGX	Immunology, General	202
	X	K/KK	Ligand Assay, General	82
	X	SE	Diagnostic Allergy	207
IgE allergen-specific, quantitative		SE	Diagnostic Allergy	207
IgE multi-allergen screen	X	SE	Diagnostic Allergy	207
IGF-1 (somatomedin C)	X	BGS	Bone and Growth	85
	X	Y/YY	Ligand Assay, Special	84
IgG	X	IG/IGX	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
		S2, S4	Immunology, Special	203
IgG, electrophoresis	X	SPE	Protein Electrophoresis	76
IgG, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
IgG subclass proteins		S2, S4	Immunology, Special	203
IGHV		IGHV	Mutation Analysis	250
IgM	X	IG/IGX	Immunology, General	202
		LN7	Immunology Cal Ver/Lin	121
IgM, electrophoresis	X	SPE	Protein Electrophoresis	76
IIb/IIIa assay		PIA, PIAX	Drug-Specific Platelet Aggregation	165
IL-2		CTKN	Cytokines	206
IL-6		CTKN	Cytokines	206
IL-8		CTKN	Cytokines	206
IL-10		CTKN	Cytokines	206
IL28B		PGX1	Pharmacogenetics	243
Imipramine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
	X	ZT	TDM, Special	60
Immature granulocyte parameter		FH9, FH9P	Hematology, Auto Diff	135
Immunohistochemistry		BRAFV	BRAF V600E	267
		GHER2	Gastric HER2	269

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Immunohistochemistry (cont.)	X	HER2	HER2 by Immunohistochemistry	269
		MK	Immunohistochemistry	267
		MMR	DNA Mismatch Repair	267
		PDL1	PDL1	267
		PM1	CD117 by Immunohistochemistry	268
	X	PM2	ER, PR by Immunohistochemistry	269
		PM3	CD20 by Immunohistochemistry	268
		PM5	Immunohistochemistry TMA	268
		PM6	Anaplastic Lymphoma Kinase IHC	268
India ink		IND	India Ink	186
Infectious mononucleosis (IM)	X	IL, IM	Immunology	202
	X	IMW	Infectious Mononucleosis, Waived	203
Influenza virus		ID2	Nucleic Acid Amp, Resp	197
	X	ID3	Influenza A, Influenza B, RSV by NAA	197
	X	IDR	Infectious Disease, Respiratory Panel	198
		POC8	POC Influenza A/B Ag	52
	X	VR1	Virology Culture	191
	X	VR2	Viral Antigen Detection by DFA	191
	X	VR4	Viral Antigen Detection by EIA and Latex	192
In situ hybridization	X	ISH	In Situ Hybridization	250
	X	ISH2	In Situ Hybridization HER2	250
Instrument function		I	Instrumentation	129
Instrument linearity		I	Instrumentation	129
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN3	TDM Cal Ver/Lin	119
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
		LN6	Urine Chemistry Cal Ver/Lin	120
		LN7	Immunology Cal Ver/Lin	121



Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Instrument linearity (cont.)		LN8	Reproductive Endocrinology Cal Ver/Lin	121
		LN9	Hematology Cal Ver/Lin	121
		LN11	Serum Ethanol Cal Ver/Lin	122
		LN12, LN12E	C-Reactive Protein Cal Ver/Lin	122
		LN13	Blood Gas Cal Ver/Lin	122–123
		LN13C	Blood Gas Cal Ver/Lin	122–123
		LN15	Hemoglobin A <sub>1c</sub> Cal Ver/Lin	123
		LN16	Homocysteine Cal Ver/Lin	123
		LN17	Whole Blood Glucose Cal Ver/Lin	123
		LN18, LN19	Reticulocyte Cal Ver/Lin	124
		LN20	Urine Albumin Cal Ver/Lin	124
		LN21	High-Sensitivity C-Reactive Protein Cal Ver/Lin	124
		LN22	Flow Cytometry Cal Ver/Lin	124
		LN23	PSA Cal Ver/Lin	125
		LN24	Creatinine Accuracy Cal Ver/Lin	125
		LN25	Troponin I Cal Ver/Lin	125
		LN27	Troponin T Cal Ver/Lin	125
		LN30	BNP Cal Ver/Lin	125
		LN31	Immunosuppressive Drugs Cal Ver/Lin	126
		LN32	Ammonia Cal Ver/Lin	126
		LN33	Serum Myoglobin Cal Ver/Lin	126
		LN34	Tumor Markers Cal Ver/Lin	126
		LN35	Thrombophilia Cal Ver/Lin	127
		LN36	Heparin Cal Ver/Lin	127
		LN37	von Willebrand Factor Ag Cal Ver/Lin	127
		LN38	CMV viral load Cal Ver/Lin	127
		LN39	HIV Viral Load Cal Ver/Lin	127
		LN40	Vitamin D Cal Ver/Lin	127
		LN41	Procalcitonin Cal Ver/Lin	128
		LN42	D-Dimer Cal Ver/Lin	128

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Instrument linearity (cont.)		LN43	Lamellar Body Count Cal Ver/Lin	128
		LN44	Fibrinogen Cal Ver/Lin	128
		LN45	HCV Viral Load Cal Ver/Lin	127
Insulin	X	ING	Insulin, Gastrin, C-Peptide, PTH	86
Interferon (IFN) gamma		CTKN	Cytokines	206
Interleukin (IL)-1 beta		CTKN	Cytokines	206
International normalized ratio (INR)	X	CGB	Basic Coagulation	158
	X	CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
		CGS1	Coag Special, Series 1	160–161
		CGS4	Coag Special, Series 4	160–161
		POC6	POC PT/INR, CoaguChek XS Plus	52
	X	WP3, WP4, WP6, WP9	Whole Blood Coagulation	166
		WP10	Whole Blood Coagulation	166
Ionized calcium	X	AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	92
		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
<b>Iron</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Isopropanol	X	AL1	Whole Blood Alcohol/Ethylene Glycol/Volatiles	101
	X	AL2	Serum Alcohol/Ethylene Glycol/Volatiles	101
JC virus		ID1T	Nucleic Acid Amp, JC and BK	196

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Jo-1 (antihistidyl t-RNA synthetase)		RDS	Rheumatic Disease Special	207
Kaolin-activated APTT		CGE/CGEX	Coagluation, Extended	159
Kaolin-activated CT		CGE/CGEX	Coagluation, Extended	159
Kappa/Lambda	X	ISH	In Situ Hybridization	250
Kappa/Lambda ratio		IG/IGX	Immunology, General	202
		S2, S4	Immunology, Special	203
Free Kappa/Lambda ratio		SFLC	Serum Free Light Chains	208
Karyotype nomenclature	X	CY, CYBK	Cytogenetics	236
Ketamine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Ketones, serum		KET	Ketones	64
Ketones, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
Kidney stone assessment		KSA	Kidney Stone Assessment	69
<i>KIT</i>		KIT	<i>KIT</i> /PDGFRA	252
		MTP	Multigene Tumor Panel	253
KOH prep (skin or vaginal)	X	CMMP	Clinical Microscopy, Misc	145
	X	FSM	Fungal Smear	186
<i>KRAS</i>	X	<i>KRAS</i>	Colorectal Cancer Mutation	252
	X	MTP	Multigene Tumor Panel	253
Laboratory preparedness exercise		LPX	Laboratory Preparedness Exercise	180
Lacosamide		ZE	Therapeutic Drug Monitoring, Extended	60
Lactate	X	AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X	C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		POC10, POC11	POC Competency Blood Gases	53
		LN13C	Blood Gas Cal Ver/Lin	122-123

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Lactate, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
<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	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		SCO	Serum Carryover	131
Lactate dehydrogenase (LD), CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
Lamellar body count		LBC	Lamellar Body Count	149
		LN43	Lamellar Body Count Cal Ver/Lin	128
Lamotrigine		T	Toxicology	96
		UT	Urine Toxicology	96
		ZE	Therapeutic Drug Monitoring, Extended	60
Large unclassified cells (LUC)		FH4, FH4P	Hematology, Auto Diff	135
<b>LD isoenzymes</b>	X	<b>CRTI</b>	Cardiac Markers	62
<b>LD1/LD2 ratio</b>	X	<b>CRTI</b>	Cardiac Markers	62
LDL cholesterol	X	ABL	Accuracy-Based Lipid	110
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	64
<b>Lead (blood)</b>	X	<b>BL</b>	Blood Lead	102
Lead, urine		TMU	Trace Metals, Urine	103
<i>Legionella</i>		LBAS	<i>Legionella</i> Ag	176
<b>Legionella pneumophila</b>		IDN, IDO	Nucleic Acid Amp, Organisms	196
	X	<b>IDR</b>	Infectious Disease, Respiratory Panel	198
Leukemia/lymphoma immunophenotype		FL3	Flow Cytometry	209
Leukemia/lymphoma interpretation only		FL5	Flow Cytometry Interpretation Only	210

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Leukocyte esterase, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
Leukocyte-reduced platelets		TRC	Transfusion-Related Cell Count	218
Leukocyte-reduced RBC		TRC	Transfusion-Related Cell Count	218
Leukocyte, stool, Wright-Giemsa	X	CMMP	Clinical Microscopy, Misc	145
Levetiracetam		T	Toxicology	96
		UT	Urine Toxicology	96
		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	119
		T	Toxicology	96
		UT	Urine Toxicology	96
Lipase	X	C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD2	Body Fluid Chemistry 2	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
<b>Lipids</b>		ABL	Accuracy-Based Lipid	110
	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
			LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin
Lipoprotein (a)	X	ABL	Accuracy-Based Lipid	110
	X	C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Lipoprotein (a) (cont.)		CZQ	Quality Cross Check, Chemistry and TDM	43
Lipoprotein-associated phospholipase		PLA	Lp-PLA <sub>2</sub>	75
Lipoprotein electrophoresis		LPE	Lipoprotein Electrophoresis	76
<i>Listeria monocytogenes</i>		IDME	Meningitis/Encephalitis Panel	198
<b>Lithium</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX, Z</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN3	TDM Cal Ver/Lin	119
Liver-kidney microsomal antibody		LKM	Liver-Kidney Microsomal Antibody	207
Lorazepam		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
Lorazepam glucuronide		DMPM	Drug Monitoring for Pain Management	106
Lupus anticoagulant (screen, conf)		CGE/CGEX	Coagulation, Extended	159
		CGS1	Coag Special, Series 1	160–161
Luteinizing hormone (LH)		ABS	Accuracy-Based Testosterone, Estradiol	111
		LN8	Reproductive Endocrinology Cal Ver/Lin	121
	X	Y/YY	Ligand Assay, Special	84
Lyme disease		TTD	Tick-Transmitted Disease	200
Lymphocyte immunophenotyping	X	FL, FL1	Flow Cytometry	209
Lymphoma by FISH		CYL	Fluorescence In Situ Hybridization, Lymphoma	237
Lysergic acid diethylamide (LSD)		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
<b>Magnesium</b>	X	C1, C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	
<b>Magnesium (cont.)</b>		CZQ	Quality Cross Check, Chemistry and TDM	43	
		IFS	Interfering Substances	130	
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118	
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118	
Magnesium, ionized	X	AQ, AQ2	Aqueous Blood Gas	92	
		AQQ, AQ2Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46	
		POC10, POC11	POC Competency Blood Gases	53	
Magnesium, urine	X	U	Urine Chemistry, General	68	
Malaria		RMAL	Rapid Malaria	188	
Manganese		R	Trace Metals	78	
		TMU	Trace Metals, Urine	103	
		TMWB	Trace Metals, Whole Blood	103	
MCAD	X	IMD2	MCAD	242	
MCH		FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135	
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47	
		HE, HEP	Basic Hematology	134	
	MCHC		FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
			FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
		HE, HEP	Basic Hematology	134	
MCV		FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
MCV (cont.)		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
		HE, HEP	Basic Hematology	134
		RETT	RETT Syndrome Genotyping	243
MECP2 deletion/duplication analysis		RETT	RETT Syndrome Genotyping	243
MECP2 genotyping	X	RETT	RETT Syndrome Genotyping	243
MEN2	X	MGL3	Molecular Genetics	241
Meperidine		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Mephedrone		T	Toxicology	96
		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107
Meprobamate		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
		TMU	Trace Metals, Urine	103
Mercury, urine		TMWB	Trace Metals, Whole Blood	103
		BGL	Biochemical Genetics	239
Metabolic disease testing		BGL	Biochemical Genetics	239
Metanephrine	X	N/NX	Urine Chemistry, Special	69
Methadone		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
Methadone metabolite (EDDP)		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Methadone metabolite (EDDP) (cont.)		UDC	Forensic Urine Drug Testing, Confirmatory	99	Methylenedioxy-amphetamine (MDA) (cont.)		OFD	Oral Fluid for Drugs of Abuse	100
		UDS, UDS6	Urine Drug Screen	98			T	Toxicology	96
		UT	Urine Toxicology	96			UDC	Forensic Urine Drug Testing, Confirmatory	99
Methamphetamine		DFC	Drug-Facilitated Crime	107		UT	Urine Toxicology	96	
		DMPM	Drug Monitoring for Pain Management	106	Methylenedioxyethyl-amphetamine (MDEA)		OFD	Oral Fluid for Drugs of Abuse	100
	FTC	Forensic Toxicology, Criminalistics	104			UDC	Forensic Urine Drug Testing, Confirmatory	99	
		OFD	Oral Fluid for Drugs of Abuse	100	Methylenedioxymeth-amphetamine (MDMA)		DFC	Drug-Facilitated Crime	107
		T	Toxicology	96			DMPM	Drug Monitoring for Pain Management	106
		UDC	Forensic Urine Drug Testing, Confirmatory	99		FTC	Forensic Toxicology, Criminalistics	104	
		UDS, UDS6	Urine Drug Screen	98		OFD	Oral Fluid for Drugs of Abuse	100	
		UT	Urine Toxicology	96		T	Toxicology	96	
Methanol	X	AL1	Whole Blood Alcohol/ Ethylene Glycol/ Volatiles	101		UDC	Forensic Urine Drug Testing, Confirmatory	99	
	X	AL2	Serum Alcohol/Ethylene Glycol/Volatiles	101		UDS, UDS6	Urine Drug Screen	98	
Methaqualone		UDC	Forensic Urine Drug Testing, Confirmatory	99		UT	Urine Toxicology	96	
		UDS, UDS6	Urine Drug Screen	98	Methylenedioxy-pyrovalerone (MDPV)		T	Toxicology	96
Methemoglobin	X	SO	Blood Oximetry	94			UT	Urine Toxicology	96
		SOQ	Quality Cross Check, Blood Oximetry	46	Methylenetetra-hydrofolate reductase (MTHFR)	X	MGL1	Molecular Genetics	241
<b>Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)</b>		BCS1	Blood Culture <i>Staphylococcus aureus</i>	177		Methylphenidate		T	Toxicology
		IDN, IDO	Nucleic Acid Amp, Organisms	196			UT	Urine Toxicology	96
		MRS	Methicillin-Resistant <i>S. aureus</i>	179	Metoprolol		T	Toxicology	96
		MRS2M	MRSA Screen, Molecular, 2 Challenge	179			UT	Urine Toxicology	96
		X <b>MRS5</b>	Methicillin-Resistant <i>S. aureus</i>	179	<b>MGMT</b>		GLI	Glioma	253
Methotrexate	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56-58	Microalbumin, urine		LN20	Urine AlbuminCal Ver/ Lin	124
		CZQ	Quality Cross Check, Chemistry and TDM	43		X	U	Urine Chemistry	68
		DFC	Drug-Facilitated Crime	107		X	UMC	Urine Albumin (Microalbumin)/ Creatinine	151
Methylenedioxy-amphetamine (MDA)		DMPM	Drug Monitoring for Pain Management	106	Microsatellite instability		MSI	Microsatellite Instability	250
		FTC	Forensic Toxicology, Criminalistics	104	Microtiter plate reader linearity		I	Instrumentation	129
					Minimal residual disease		BALL	B-ALL Minimal Residual Disease	210
						MRD	Minimal Residual Disease, <i>BCR/ABL1</i> p210	254	
						MRD1	Minimal Residual Disease, <i>BCR/ABL1</i> p190	254	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Minimal residual disease (cont.)		MRD2	Minimal Residual Disease, <i>PML/RARA</i>	254
Mirtazapine		T	Toxicology	96
		UT	Urine Toxicology	96
Mite identification		TMO	Ticks, Mites, and Other Arthropods	189
Mitochondrial cytopathies	X	IMD3	Mitochondrial Cytopathies	242
Mitochondrial DNA deletion syndromes	X	IMD1	Mitochondrial DNA Deletion Syndromes	242
Mixing studies, PT		CGE/CGEX	Coagulation, Extended	159
Mixing studies, APTT		CGE/CGEX	Coagulation, Extended	159
		CGS1	Coag Special, Series 1	160–161
<i>MLH1</i> promoter methylation analysis		MSI	Defective DNA Mismatch Repair/ Hereditary Nonpolyposis Colorectal Cancer (HNPCC)	250
Modified acid-fast stain	X	P, P3, P4, P5	Parasitology	187
<b>Mold identification</b>	X	F	Mycology and Aerobic Actinomycetes	184
Molecular genetics	X	MGL1, MGL2, MGL3, MGL4, MGL5	Molecular Genetics	241
Molecular HLA typing	X	DML	HLA Molecular Typing	231
Molecular hematologic oncology		MHO, MHO1, MHO2, MHO3, MHO5	Molecular Hematologic Oncology	251, 254
Molecular typing		IDN, IDO	Nucleic Acid Amp, Organisms	196
Monitoring engraftment	X	ME	Monitoring Engraftment	232
Mononuclear cell count		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
Morphine		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
M-protein (paraprotein) identification	X	SPE	Protein Electrophoresis	76

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
MPV		FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
		HE, HEP	Basic Hematology	134
<b>MRSA</b>		BCS1	Blood Culture <i>Staphylococcus aureus</i>	177
		IDN, IDO	Nucleic Acid Amp, Organisms	196
		MRS	Methicillin-Resistant <i>S. aureus</i>	179
		MRS2M	MRSA Screen, Molecular, 2 Challenge	179
	X	<b>MRS5</b>	Methicillin-Resistant <i>S. aureus</i>	179
	X	<b>MRS5M</b>	MRSA Screen, Molecular, 5 Challenge	179
Mucopolipidosis IV	X	MGL4	Molecular Genetics	241
Mucopolysaccharide (Glycosaminoglycan)	X	BGL	Biochemical Genetics	239
Multiple endocrine neoplasia type 2 (MEN2)	X	MGL3	Molecular Genetics	241
Mumps-IgG		VR3M	Virology	200
<b>Mycobacterial culture</b>	X	<b>E1</b>	Mycobacteriology, Ltd	183
<b>Mycobacterial identification</b>	X	<b>E</b>	Mycobacteriology	183
<i>Mycobacterium tuberculosis</i>		IDO	Nucleic Acid Amp, Organisms	196
<i>Mycobacterium tuberculosis</i> antibody detection		QF	<i>M. tuberculosis</i> Infection Detection	207
<i>Mycobacterium tuberculosis</i> identification and resistance detection		MTBR	Molecular MTB Identification and Resistance Detection	183
Mycophenolic acid	X	MPA	Mycophenolic Acid	59
<b>Mycoplasma pneumoniae</b>		IDN, IDO	Nucleic Acid Amp, Organisms	196
	X	<b>IDR</b>	Infectious Disease, Respiratory Panel	198
		VR3	Antibody Detection-Infectious Disease Serology	200
Myoglobin	X	CRT, CRTI	Cardiac Markers	62
		LN33	Serum Myoglobin Cal Ver/Lin	126

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Myoglobin (cont.)	X	PCARM, PCARMX	Plasma Cardiac Markers	65
		POC12	Competency Plasma Cardiac Markers	53
Myoglobin, urine		MYG	Myoglobin, Urine	69
Myotonic dystrophy	X	MGL2	Molecular Genetics	241
N-acetylprocainamide (NAPA)	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN3	TDM Cal Ver/Lin	119
N-desmethyltramadol		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
		UT	Urine Toxicology	96
Naproxen		T	Toxicology	96
		UT	Urine Toxicology	96
Nasal smears, eosinophil	X	CMMP	Clinical Microscopy, Misc	145
<i>Neisseria gonorrhoeae</i>	X	D3	GC Cultures	172
		D4	Bacteriology, Limited	173
		HC6/HC6X	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	194
		HC7	<i>C. trachomatis</i> /GC DNA by NAA	194
		MC1	Microbiology Combination with GC	173
<i>Neisseria meningitidis</i>		IDME	Meningitis/Encephalitis Panel	198
Neoplastic cellularity		NEO	Neoplastic Cellularity	251
Neoplastic disorder by FISH		CYF	Fluorescence In Situ Hybridization	236
Neuropathology		NP/NP1	Neuropathology Program	271
Neutral fats		FCFS	Fecal Fat	75
Next-generation sequencing		NGS	Next-Generation Sequencing	246
		NGSB1	NGS Bioinformatics for Illumina Platforms	247
		NGSB2	NGS Bioinformatics for Ion Torrent Platforms	247
		NGSBV	NGS Bioinformatics Somatic Validated Materials	249
		NGSE	NGS Undiagnosed Disorders-Exome	248
		NGSST	Next Generation Sequencing, Solid Tumor	246

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Next-generation sequencing (cont.)		NGSHM	Next Generation Sequencing, Hematologic Malignancies	246
		NTA	Nicotine and Tobacco Alkaloids	102
Nicotine		T	Toxicology	96
		UT	Urine Toxicology	96
		X	MGL4	Molecular Genetics
Niemann-Pick type A/B		NIPT	Noninvasive Prenatal Testing	87
Nitrite, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		DAI	Urine Drug Adulterant/ Integrity Testing	98
		HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
		U	Urine Chemistry, General	68
Nitrogen, total, urine		FNA/FNA1	Fine-Needle Aspiration-Digital	277
		FNAG/FNAG1	Fine-Needle Aspiration-Glass	278
		NGC/NGC1	Nongynecologic Cytopathology Education Program	276
Noninvasive prenatal testing		NIPT	Noninvasive Prenatal Testing	87
Norbuprenorphine		DMPM	Drug Monitoring for Pain Management	106
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
		T	Toxicology	96
Norchlordiazepoxide		UT	Urine Toxicology	96
		UT	Urine Toxicology	96
Norclomipramine		T	Toxicology	96
		UT	Urine Toxicology	96
Norcodeine		T	Toxicology	96
		UT	Urine Toxicology	96
Norcyclobenzaprine		T	Toxicology	96
		UT	Urine Toxicology	96
Nordiazepam		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Nordiazepam (cont.)		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
Nordoxepin		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Norepinephrine	X	N/NX	Urine Chemistry, Special	69
Norfentanyl		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Norfluoxetine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Norketamine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Normeperidine		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		T	Toxicology	96
		UT	Urine Toxicology	96
Normetanephrine	X	N/NX	Urine Chemistry Special	69
Norovirus		GIP	Gastrointestinal Panel	199
		SP1	Stool Pathogens	180
Noroxycodone		DMPM	Drug Monitoring for Pain Management	106
		T	Toxicology	96
		UT	Urine Toxicology	96
Noroxymorphone		DMPM	Drug Monitoring for Pain Management	106
Norpropoxyphene		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Norpropoxyphene (cont.)		UT	Urine Toxicology	96
Norsertraline		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Nortrimipramine		T	Toxicology	96
		UT	Urine Toxicology	96
Nortriptyline		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
		ZT	TDM, Special	60
Norverapamil		T	Toxicology	96
		UT	Urine Toxicology	96
NRAS		MTP	Multigene Tumor Panel	253
nRBC		FH3, FH3P, FH9, FH9P, FH13, FH13P	Hematology, Auto Diff	135
NT-pro 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	BNP Cal Ver/Lin	125
N-telopeptide (NTX)		BMV6	Bone Markers and Vitamin	86
	X	BU	Bone and Mineral, Urine	85
Nucleated cells, total		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
Nucleated red cells, total		ABF3	Automated Body Fluid	146
		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
Nucleated red blood cell count		FH3, FH3P, FH9, FH9P, FH13, FH13P	Hematology, Auto Diff	135
<b>Nucleic acid amplification</b>		BSTS	Bacterial Strain Typing <i>Staphylococcus</i>	195
	X	HBVL, HBVL5, HCV2	Hepatitis Viral Load	193
	X	HC6/HC6X	<i>C. trachomatis</i> /GC by Nucleic Acid Amp	194
	X	HC7	<i>C. trachomatis</i> /GC DNA by NAA	194
	X	HIVG, HV2	HIV Viral Load	193
		IDN, IDO	Nucleic Acid Amp, Organisms	196



Analyte/Procedure	LAP ENR	Program Code	Description	Pg	
<b>Nucleic acid amplification (cont.)</b>		ID1, ID1T	Nucleic Acid Amp, Viruses	196	
		ID2	Nucleic Acid Amp, Respiratory	197	
		<b>ID3</b>	Influenza A, Influenza B, RSV by NAA	197	
		MRS2M	MRSA Screen, Molecular, 2 Challenge	179	
		X <b>MRS5M</b>	MRSA Screen, Molecular, 5 Challenge	179	
		SP, SPN, SP1	Stool Pathogens	180	
		VLS, VLS2	Viral Load	193	
		VRE	Vancomycin-Resistant <i>Enterococcus</i>	182	
	Nucleic acid testing	X	NAT	Nucleic Acid Testing	226
	O-desmethyltramadol		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104	
		T	Toxicology	96	
		UT	Urine Toxicology	96	
		OCB	Occult Blood	149	
Occult blood		OCBQ	Quality Cross Check, Occult Blood	48	
		POC9	POC Fecal Occult Blood	52	
Occult blood, gastric		GOCB	Gastric Occult Blood	148	
Ocular micrometer check		I	Instrumentation	129	
Olanzapine		T	Toxicology	96	
		UT	Urine Toxicology	96	
Oligoclonal bands		OLI	Oligoclonal Bands	74	
Opiate group		DMPM	Drug Monitoring for Pain Management	106	
		OFD	Oral Fluid for Drugs of Abuse	100	
		T	Toxicology	96	
<b>Delayed until 2019</b>		TQP	Toxicology Quality Program	108	
		UDS, UDS6	Urine Drug Screen	98	
		UT	Urine Toxicology	96	
		UTCO	Urine Toxicology Carryover	131	
Organic acids, urine qualitative	X	BGL	Biochemical Genetics	239	
Organic acids, urine quantitative		BGL	Biochemical Genetics	239	
Osmolality, measured	X	C3, C3X, CZ, CZ2X, CZX	Chemistry and TDM	56–58	
		CZQ	Quality Cross Check, Chemistry and TDM	43	
		IFS	Interfering Substances	130	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Osmolality, measured (cont.)		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Osmolality, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		LN6	Urine Chemistry Cal Ver/Lin	120
		POC3	POC Urine Dipstick Competency	52
	X	U	Urine Chemistry, General	68
Osmometer check		I	Instrumentation	129
Osteocalcin		BGS	Bone and Growth	85
Oxazepam		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
Oxcarbazepine metabolite		ZE	Therapeutic Drug Monitoring, Extended	60
Oxidants, urine		DAI	Urine Drug Adulterant/ Integrity Testing	98
Oxycodone		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Oxyhemoglobin	X	SO	Blood Oximetry	94
		SOQ	Quality Cross Check, Blood Oximetry	46
Oxylate		KSA	Kidney Stone Risk Assessment	69
Oxymorphone		DFC	Drug-Facilitated Crime	107

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Oxymorphone (cont.)		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UT	Urine Toxicology	96
p16		PM5	Immunohistochemistry TMA	268
<b>Pancreatic amylase</b>	X	<b>C1, C3, C3X, CZ, CZ2X, CZX</b>	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
PAPP-A		FP1B	First Trimester Maternal Screening, Free Beta	87
		FP1T	First Trimester Maternal Screening, Total hCG	87
<b>Parainfluenza virus</b>		ID2	Nucleic Acid Amp, Respiratory	197
	X	IDR	Infectious Disease, Respiratory Panel	198
	X	VR1	Virology Culture	191
	X	VR2	Viral Antigen Detection by DFA	191
Paraprotein identification	X	SPE	Protein Electrophoresis	76
<b>Parasite identification</b>	X	<b>BP</b>	Blood Parasite	188
	X	<b>P, P3, P4, P5</b>	Parasitology	187
		PEX	Expanded Parasitology	189
Parathyroid hormone (PTH)	X	ING	Insulin, Gastrin, C-Peptide, PTH	86
		PTHQ	Quality Cross Check, PTH	45
Parentage/relationship testing	X	PARF	Parentage/Relationship	227
Paroxetine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Parvovirus B19		ID1	Nucleic Acid Amp, Viruses	196
<b>PCO2</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>PCO2 (cont.)</b>		POC10, POC11	POC Competency Blood Gases	53
		LN13, LN13C	Blood Gas Cal Ver/Lin	122–123
<i>PDGFRA</i>		KIT	<i>KIT/PDGFRA</i>	252
		MTP	Multigene Tumor Panel	253
PDL1		PDL1	PDL1	267
Pentobarbital		DFC	Drug-Facilitated Crime	107
		T	Toxicology	96
		UT	Urine Toxicology	96
Performance improvement program in surgical pathology		PIP/PIP1, PIPW/PIPW1	Performance Improvement Program in Surgical Pathology	256–257
Peripheral blood smear, virtual		VPBS	Virtual Peripheral Blood Smear	141
<b>pH</b>		AFL	Amniotic Fluid Leakage	146
	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		GOCB	Gastric Occult Blood	148
		POC10, POC11	POC Competency Blood Gases	53
		LN13, LN13C	Blood Gas Cal Ver/Lin	122–123
pH, gastric		GOCB	Gastric Occult Blood	148
pH, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		DAI	Urine Drug Adulterant/Integrity Testing	98
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
		UDC	Forensic Urine Drug Testing, Confirmatory	99
pH meters		I	Instrumentation	129
Phencyclidine		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		OFD	Oral Fluid for Drugs of Abuse	100
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Phenethylamine		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Pheniramine		T	Toxicology	96
		UT	Urine Toxicology	96
Phenobarbital	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		LN3	TDM Cal Ver/Lin	119
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
Phentermine		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Phenylephrine		T	Toxicology	96
		UT	Urine Toxicology	96
Phenytoin	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		LN3	TDM Cal Ver/Lin	119
		SCO	Serum Carryover	131
		T	Toxicology	96
Phenytoin, free	X	CZ, CZ2X, CZX, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Phosphorus	X	C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Phosphorus, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
PIK3CA		MTP	Multigene Tumor Panel	253
Pinworm prep	X	CMMP	Clinical Microscopy, Misc	145
Pipette calibration-gravimetric		I	Instrumentation	129
Plasma cell neoplasms		PCNEO	Flow Cytometry, Plasma Cell Neoplasms	211
Plasma hemoglobin		PHG	Plasma Hemoglobin	76
Plasminogen antigen		CGE/CGEX	Coagulation, Extended	159
Plasminogen activator inhibitor		CGE/CGEX	Coagulation, Extended	159
Plasminogen activator inhibitor (PAI)-1		MGL1	Molecular Genetics	241
Platelet aggregation		PF	Platelet Function	164
Platelet antibody detection	X	PS	Platelet Serology	219
Platelet calculator		TRC	Transfusion-Related Cell Count	218
Platelet count	X	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X	FH15	Centrifugal Hematology	135
	X	HE, HEP	Basic Hematology	134
		LN9	Hematology Cal Ver/Lin	121
Platelet count (platelet-rich plasma)	X	TRC	Transfusion-Related Cell Count	218
Platelet crossmatch		PS	Platelet Serology	219
Platelet count (estimated)		EHE1	Expanded Virtual Peripheral Blood Smear	142
		VPBS	Virtual Peripheral Blood Smear	141
Platelet function		PF1	Platelet Function	164
Platelet mapping		PLTM	Platelet Mapping	167
<i>Plesiomonas shigelloides</i>		GIP	Gastrointestinal Panel	199
PML/RARA		MHO2, MHO3	Molecular Hematologic Oncology	254
		MRD2	Minimal Residual Disease	254
PNA FISH- <i>Staphylococcus</i>		PNA1	PNA FISH for <i>Staphylococcus</i>	177
PNA FISH-yeast		PNA2	PNA FISH for Yeast	177

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<i>Pneumocystis</i> detection		PCP1	<i>Pneumocystis jiroveci</i> , Calcofluor White Stain	186
		PCP2	<i>Pneumocystis jiroveci</i> , DFA Stain	186
		PCP4	<i>Pneumocystis jiroveci</i> , GMS Stain	186
PNH immunophenotype		PNH	Paroxysmal Nocturnal Hemoglobinuria, RBC	211
<b>PO2</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
		LN13, LN13C	Blood Gas Cal Ver/Lin	122–123
		POC10, POC11	POC Competency Blood Gases	53
Porphobilinogen, urine		UPBG	Porphobilinogen, Urine	70
Postanalytical DNA sequencing		SEC	DNA Sequencing Count	242
Postvasectomy sperm count	X	PV	Postvasectomy Sperm Count	154
<b>Potassium</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, 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
		FLD2	Body Fluid Chemistry 2	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN13C	Blood Gas Cal Ver/Lin	122–123
		POC10, POC11	POC Competency Blood Gases	53
Potassium, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Potassium, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
PRA		MX1B, MX1C, MX1E, MXB, MXC	HLA Analysis, Class I	230–231
		MX2B, MX2C, MX2E, MXB, MXC	HLA Analysis, Class II	230–231
Prader-Willi/Angelman syndrome	X	MGL1	Molecular Genetics	241
Prealbumin (transthyretin)	X	C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
	X	S2, S4	Immunology, Special	203
Pregabalin		DMPM	Drug Monitoring for Pain Management	106
		T	Toxicology	96
		UT	Urine Toxicology	96
		ZE	Therapeutic Drug Monitoring, Extended	60
Prekallikrein		CGE/CGEX	Coagulation, Extended	159
Predictive markers by immunohistochemistry	X	HER2	HER2 by Immunohistochemistry	269
		GHER2	Gastric HER2	269
		PM1	CD117 by Immunohistochemistry	268
	X	PM2	ER, PgR by Immunohistochemistry	269
		PM3	CD20 by Immunohistochemistry	268
		PM5	Immunohistochemistry TMA	268
<b>Primidone</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	119
Pro B-type natriuretic peptides		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
<b>Procainamide</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	119
Procalcitonin		LN41	Procalcitonin Cal Ver/Lin	128
	X	PCT	Procalcitonin	77

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Progesterone		LN8	Reproductive Endocrinology Cal Ver/Lin	121
	X	Y/YY	Ligand Assay, Special	84
Progesterone receptors by immunohistochemistry	X	PM2	ER, PgR by Immunohistochemistry	269
Prolactin		LN8	Reproductive Endocrinology Cal Ver/Lin	121
	X	Y/YY	Ligand Assay, Special	84
Propoxyphene		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UDC	Forensic Urine Drug Testing, Confirmatory	99
		UDS, UDS6	Urine Drug Screen	98
		UT	Urine Toxicology	96
Propranolol		T	Toxicology	96
		UT	Urine Toxicology	96
Prostate-specific antigen (PSA)	X	K, KK, K2	Ligand Assay, General	82
		LN23	PSA Cal Ver/Lin	125
Prostate-specific antigen, complexed (cPSA)	X	K/KK	Ligand Assay, General	82
Prostate-specific antigen, free (PSA, free)	X	K/KK	Ligand Assay, General	82
Prostatic acid phosphatase (PAP)	X	K/KK	Ligand Assay, General	82
Protein electrophoresis, serum, interpretation	X	SPE	Protein Electrophoresis	76
Protein C		CGE/CGEX	Coagulation, Extended	159
		CGS2	Coag Special, Series 2	160-161
		LN35	Thrombophilia Cal Ver/Lin	127
Protein S		CGE/CGEX	Coagulation, Extended	159
		CGS2	Coag Special, Series 2	160-161
Protein, total	X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD	Body Fluid	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Protein, total (cont.)		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		SPE	Lipoprotein and Protein Electrophoresis	76
Protein, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
Protein, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		DSC	Dipstick Confirmatory	147
	X	HCC2	Waived Combination	66
		LN6	Urine Chemistry Cal Ver/Lin	120
		POC3	POC Urine Dipstick Competency	52
	X	U	Urine Chemistry, General	68
Prothrombin mutation	X	MGL1	Molecular Genetics	241
	X	TPM	Thrombophilia Mutations	244
Prothrombin fragment 1.2		CGE/CGEX	Coagulation, Extended	159
Prothrombin time	X	CGB	Basic Coagulation	158
	X	CGL	Coagulation, Limited	158
		CGLQ	Quality Cross Check, Coagulation, Limited	49
		CGS1	Coag Special, Series 1	160-161
		CGS4	Coag Special, Series 4	160-161
		DBGN	Anticoagulant Monitoring, Dabigatran	161
		FNPX	Anticoagulant Monitoring, Fondaparinux	161
		POC6	POC PT/INR, CoaguChek XS Plus	52
		RVBN	Anticoagulant Monitoring Rivaroxaban	161
	X	WP3, WP4, WP6, WP9	Whole Blood Coagulation	166
Prothrombin time, dilute		CGE/CGEX	Coagulation, Extended	159
Provider-performed microscopy		CMMP	Clinical Microscopy, Misc	145
PRU test		PIA, PIAX	Drug-Specific Platelet Aggregation	165
Pseudocholinesterase	X	C7	Pseudocholinesterase	77

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Pseudoephedrine		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
PTEN		GLI	Glioma	253
Pyridinoline (PYD)		BU	Bone and Mineral, Urine	85
Q-MONITORS		QM1	Quality Management Tools	39
Q-PROBES		QP181	Quality Management Tools	25
		QP182	Quality Management Tools	26
		QP183	Quality Management Tools	27
		QP184	Quality Management Tools	28
Q-TRACKS		QT1-5	Quality Management Tools	31–32, 37
		QT7, 8, 10	Quality Management Tools	33–34
		QT15-17	Quality Management Tools	35–36
Quetiapine		T	Toxicology	96
		UT	Urine Toxicology	96
Quinidine	X	CZ, CZX, CZ2X, Z	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		LN3	TDM Cal Ver/Lin	119
		T	Toxicology	96
		UT	Urine Toxicology	96
Quinine		T	Toxicology	96
		UT	Urine Toxicology	96
Ranitidine		T	Toxicology	96
		UT	Urine Toxicology	96
Rapamycin (sirolimus)	X	CS	Immunosuppressive Drugs	59
Rapid group A strep	X	D	Bacteriology	170
	X	D4	Bacteriology, Limited	173
	X	D6	Rapid Group A Strep	175
	X	D9	Rapid Group A Strep, Waived	175
	X	MC1	Microbiology Combination with GC	173
	X	MC2	Microbiology Combination	173
	X	MC4	Urine Colony Count Combination	174

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Rapid group A strep (cont.)	X	MC5	Throat Culture/Rapid Strep	174
RBC count		ABF1, ABF2, ABF3	Automated Body Fluid	146
	X	FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
	X	HE, HEP	Basic Hematology	134
		LN9	Hematology Cal Ver/Lin	121
RBC count, automated, urine (quantitative)		UAA, UAA1	Automated Urinalysis	147
RBC automated count, fluid		ABF1, ABF2, ABF3	Automated Body Fluid	146
RBC manual count, fluid	X	HFC, HFCl	Hemocytometer Fluid Count	148–149
RBC folate	X	FOL	RBC Folate	88
RBC morphology		EHE1	Expanded Virtual Peripheral Blood Smear	142
		VPBS	Virtual Peripheral Blood Smear	141
RDW		FH1-FH4, FH6, FH9, FH10, FH13, FH1P-FH4P, FH6P, FH9P, FH10P, FH13P	Hematology, Auto Diff	135
		FH3Q, FH4Q, FH6Q, FH9Q	Quality Cross Check, Automated Hematology Series	47
		HE, HEP	Basic Hematology	134
Red blood cell antigen detection		J, J1	Transfusion Medicine	214
Red blood cell antigen genotyping		RAG	Red Blood Cell Antigen Genotyping	216
Red blood cell antigen typing		RBCAT	Red Blood Cell Antigen Typing	217
Reducing substance, urine	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
Refractometer check		I	Instrumentation	129

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Renin	X	RAP	Renin and Aldosterone	89
Reptilase time		CGE/CGEX	Coagulation, Extended	159
<b>Respiratory syncytial virus (RSV)</b>		ID2	Nucleic Acid Amp, Respiratory	197
	X	ID3	Influenza A, Influenza B, RSV by NAA	197
	X	IDR	Infectious Disease, Respiratory Panel	198
	X	VR1	Virology Culture	191
	X	VR2	Viral Antigen Detection by DFA	191
	X	VR4	Virology Antigen Detection by EIA and Latex	192
Reticulocyte count, absolute	X	RT, RT2, RT3, RT4	Reticulocyte	139
		RTQ, RT2Q, RT3Q, RT4Q	Quality Cross Check, Reticulocyte	47
Reticulocyte count, percent		LN18, LN19	Reticulocyte Cal Ver/Lin	124
	X	RT, RT2, RT3, RT4	Reticulocyte	139
		RTQ, RT2Q, RT3Q, RT4Q	Quality Cross Check, Reticulocyte	47
RETT syndrome	X	RETT	RETT Syndrome Genotyping	243
RhD	X	MGL2	Molecular Genetics	241
<b>RhD typing</b>	X	J, J1	Transfusion Medicine	214
	X	JAT	Transfusion Medicine, Automated	215
		JATE1	Transfusion Medicine, Automated, Educational	215
		TMCA	Transfusion Medicine, Competency Assessment	219
<b>Rheumatoid factor</b>	X	IL, RF/RFX	Immunology	202
<b>Rhinovirus</b>		ID2	Nucleic Acid Amp, Respiratory	197
	X	IDR	Infectious Disease, Respiratory Panel	198
RNA sequencing		RNA	RNA Sequencing	252
<b>Rotavirus</b>		GIP	Gastrointestinal Panel	199
		SP, SPN	Stool Pathogens	180
	X	VR4	Viral Antigen Detection by EIA and Latex	192
<b>RSV</b>		ID2	Nucleic Acid Amp, Respiratory	197
	X	ID3	Influenza A, Influenza B, RSV by NAA	197
	X	IDR	Infectious Disease, Respiratory Panel	198
	X	VR1	Virology Culture	191

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>RSV (cont.)</b>	X	VR2	Viral Antigen Detection by DFA	191
	X	VR4	Viral Antigen Detection by EIA and Latex	192
<b>Rubella antibody, IgG</b>	X	IL, RUB/RUBX	Immunology	202
Rubeola antibody (English measles)	X	VR3	Antibody Detection-Infectious Disease Serology	200
Rufinamide		ZE	Therapeutic Drug Monitoring, Extended	60
Rupture of fetal membranes		ROM1	Rupture of Fetal Membranes	150
Russell's viper venom time, dilute		CGE/CGEX	Coagulation, Extended	159
Salicylate	X	CZ, CZX, CZ2X, Z	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FTC	Forensic Toxicology, Criminalistics	104
		LN3	TDM Cal Ver/Lin	119
	X	SDS	Serum Drug Screen	101
		T	Toxicology	96
		UT	Urine Toxicology	96
<i>Salmonella</i>		GIP	Gastrointestinal Panel	199
Sapovirus (I, II, IV, V)		GIP	Gastrointestinal Panel	199
Sarcoma by FISH		CYK	Fluorescence In Situ Hybridization	237
Sarcoma translocation		SARC	Sarcoma Translocation	251
Scl-70 (anti-DNA topoisomerase)		RDS	Rheumatic Disease Special	207
Scopolamine		DFC	Drug-Facilitated Crime	107
Secobarbital		DFC	Drug-Facilitated Crime	107
		FTC	Forensic Toxicology, Criminalistics	104
		UDC	Forensic Urine Drug Testing, Confirmatory	99
Selenium	X	R	Trace Metals	78
Selenium, urine		TMU	Trace Metals, Urine	103
Selenium, whole blood		TMWB	Trace Metals, Whole Blood	103
Semen analysis	X	ASA, SC, SV, PV	Semen Analysis	154
		SC1, SM	Semen Analysis	154
		SMCD, SM1CD, SM2CD	Semen Analysis, CD-ROM	154
<i>SERPINA1</i> genotyping	X	AAT	Alpah-1 Antitrypsin Genotyping	239
Sertraline		DFC	Drug-Facilitated Crime	107

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Sertraline (cont.)		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
Serum free light chains		SFLC	Serum Free Light Chains	208
Sex hormone-binding globulin (SHBG)		ABS	Testosterone and Estradiol Accuracy	111
	X	DY	Ligand Assay, Special	84
Shiga toxin		SP	Stool Pathogens-Rapid and Molecular	180
		ST	Shiga Toxin	181
Shiga-like toxin producing <i>E. coli</i> (STEC)		GIP	Gastrointestinal Panel	199
<i>Shigella</i>		GIP	Gastrointestinal Panel	199
Sickle cell screen, qualitative	X	HG	Hemoglobinopathy	139
	X	SCS	Sickle Cell Screen	140
Sirolimus (Rapamycin)	X	CS	Immunosuppressive Drugs	59
<i>SLC01B1</i>		PGX	Pharmacogenetics	243
<b>Sodium</b>	X	<b>AQ, AQ2, AQ3, AQ4</b>	Aqueous Blood Gas	92
		AQQ, AQ2Q, AQ3Q, 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
		FLD2	Body Fluid Chemistry 2	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		LN13C	Blood Gas Cal Ver/Lin	122-123
		POC10, POC11	POC Competency Blood Gases	53
Sodium, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Sodium, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101
Soluble transferrin receptor		STFR	Soluble Transferrin Receptor	80
Somatomedin C (IGF-1)	X	Y, YY	Ligand Assay, Special	84

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
SOX10		PM5	Immunohistochemistry TMA	268
Specific gravity	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
		DAI	Urine Drug Adulterant/ Integrity Testing	98
	X	HCC2	Waived Combination	66
		POC3	POC Urine Dipstick Competency	52
		UDC	Forensic Urine Drug Testing, Confirmatory	99
Spectrophotometer linearity		I	Instrumentation	129
Sperm count	X	SMCD	Semen Analysis, CD-ROM	154
Sperm count, automated		SC1	Semen Analysis	154
Sperm count, manual	X	SC	Semen Analysis	154
	X	PV	Postvasectomy Sperm Count	154
Sperm morphology		SM	Semen Analysis	154
		SM1CD	Semen Analysis, CD-ROM	154
Sperm motility		SMCD	Semen Analysis, CD-ROM	154
Sperm viability		SM2CD	Semen Analysis, CD-ROM	154
	X	SV	Semen Analysis	154
<b>Spinal fluid meningitis panel</b>	X	D	Bacteriology	170
Spinal muscular atrophy	X	MGL2	Molecular Genetics	241
Spinocerebellar ataxia	X	MGL2	Molecular Genetics	241
Split fats		FCFS	Fecal Fat	75
<i>Staphylococcus aureus</i> -blood culture		BCS1	Blood Culture <i>Staphylococcus aureus</i>	177
STEC (Shiga-like toxin producing <i>E. coli</i> )		GIP	Gastrointestinal Panel	199
Strep screen		POC4	POC/Waived Strep Screen Competency	52
<b><i>Streptococcus agalactiae</i></b>	X	<b>D8</b>	Group B Strep	176
		IDME	Meningitis/Encephalitis Panel	198
<i>Streptococcus pneumoniae</i>		IDME	Meningitis/Encephalitis Panel	198
		SBAS	<i>S. pneumoniae</i> Ag Detection	176
<b><i>Streptococcus pyogenes</i></b>	X	<b>D</b>	Bacteriology	170
	X	<b>D1, D7</b>	Throat, Urine Cultures	172
	X	<b>D4</b>	Bacteriology, Ltd	173
	X	<b>D6</b>	Rapid Group A Strep	175



Analyte/Procedure	LAP ENR	Program Code	Description	Pg	Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Streptococcus pyogenes (cont.)</b>	X	D9	Rapid Group A Strep, Waived	175	<b>T4, free (thyroxine, free)</b>		ABTH	Harmonized Thyroid	112
	X	MC1	Microbiology Combination with GC	173		X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
	X	MC2	Microbiology Combination	173		CZQ	Quality Cross Check, Chemistry and TDM	43	
	X	MC4	Urine Colony Count Combination	174	X	K/KK	Ligand Assay, General	82	
	X	MC5	Throat Culture/Rapid Strep	174	<b>T4, total (thyroxine, total)</b>		ABTH	Harmonized Thyroid	112
Strychnine		T	Toxicology	96		X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58
		UT	Urine Toxicology	96			CZQ	Quality Cross Check, Chemistry and TDM	43
Sulfate		KSA	Kidney Stone Risk Assessment	69		X	K/KK	Ligand Assay, General	82
Sulfosalicylic acid (SSA)		DSC	Dipstick Confirmatory	147			LN5	Ligand Assay Cal Ver/Lin	119–120
Surgical pathology		DPATH/DPATH1	Online Digital Slide Program	259			LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
		PIP/PIP1, PIPW/PIPW1	Performance Improvement Program in Surgical Pathology	256–257	Tacrolimus	X	CS	Immunosuppressive Drugs	59
		PCSP, PCSP1	Practicum in Cancer Surgical Pathology	262			LN31	Immunosuppressive Drugs Cal Ver/Lin	126
		VBP/VBP1	Online Virtual Biopsies Program	258	Tay Sachs	X	MGL4	Molecular Genetics	241
Synthetic cannabinoid/designer drugs		SCDD	Synthetic Cannabinoid/Designer Drugs	105	tCO <sub>2</sub>		AQ, AQ2, AQ3, AQ4	Aqueous Blood Gas	92
<b>Syphilis</b>	X	G	Syphilis Serology	208			AQQ, AQ2Q, AQ3Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
<b>T3, free (triiodothyronine)</b>		ABTH	Harmonized Thyroid	112			POC10, POC11	POC Competency Blood Gases	53
	X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58	<b>Temazepam</b>		DFC	Drug-Facilitated Crime	107
		CZQ	Quality Cross Check, Chemistry and TDM	43			DMPM	Drug Monitoring for Pain Management	106
	X	K/KK	Ligand Assay, General	82			FTC	Forensic Toxicology, Criminalistics	104
<b>T3, total (triiodothyronine)</b>		ABTH	Harmonized Thyroid	112			OFD	Oral Fluid for Drugs of Abuse	100
	X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58			T	Toxicology	96
		CZQ	Quality Cross Check, Chemistry and TDM	43			UDC	Forensic Urine Drug Testing, Confirmatory	99
	X	K/KK	Ligand Assay, General	82			UT	Urine Toxicology	96
		LN5	Ligand Assay Cal Ver/Lin	119–120	Teriflunomide		ZE	Therapeutic Drug Monitoring, Extended	60
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120	<b>Testosterone</b>		ABS	Accuracy-Based Testosterone and Estradiol	111
<b>T3, uptake and related tests</b>	X	C1, C3, C3X, CZ, CZX, CZ2X	Chemistry and TDM	56–58			LN8	Reproductive Endocrinology Cal Ver/Lin	121
		CZQ	Quality Cross Check, Chemistry and TDM	43		X	Y/YY	Ligand Assay, Special	84
	X	K/KK	Ligand Assay, General	82	<b>Testosterone, bioavailable</b>		ABS	Testosterone and Estradiol Accuracy	111

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Testosterone, bioavailable (cont.)		DY	Ligand Assay, Special	84
Testosterone, free		ABS	Testosterone and Estradiol Accuracy	111
	X	DY	Ligand Assay, Special	84
Tetrahydrozoline		DFC	Drug-Facilitated Crime	107
Thallium, urine		TMU	Trace Metals, Urine	103
Thallium, whole blood		TMWB	Trace Metals, Whole Blood	103
<b>Theophylline</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	119
<b>Throat culture</b>	X	<b>D1, D7</b>	Throat, Urine Cultures	172
	X	<b>D4</b>	Bacteriology, Ltd	173
	X	<b>MC1</b>	Microbiology Combination with GC	173
	X	<b>MC2</b>	Microbiology Combination	173
	X	<b>MC4</b>	Urine Colony Count Combination	174
	X	<b>MC5</b>	Throat Culture/Rapid Strep	174
Thrombin time		CGE/CGEX	Coagulation, Extended	159
		CGS4	Coag Special, Series 4	160–161
		DBGN	Dabigatran	161
Thrombin-antithrombin		CGE/CGEX	Coagulation, Extended	159
Thromboelastogram		TEG	Viscoelastometry	164
Thrombophilia mutations	X	TPM	Thrombophilia Mutations	244
Thyroglobulin	X	TM/TMX	Tumor Markers	89
<b>Thyroid-stimulating hormone (TSH)</b>		ABS	Accuracy-Based Testosterone and Estradiol	111
		ABTH	Harmonized Thyroid	112
	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	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
<b>Thyroxine, free</b>		ABTH	Harmonized Thyroid	112
	X	<b>C1, C3, C3X, CZ, CZX, CZ2X</b>	Chemistry and TDM	56–58

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Thyroxine, free (cont.)</b>		CZQ	Quality Cross Check, Chemistry and TDM	43
	X	<b>K/KK</b>	Ligand Assay, General	82
<b>Thyroxine, total</b>		ABTH	Harmonized Thyroid	112
	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	82
		LN5	Ligand Assay Cal Ver/Lin	119–120
		LN5S	Ligand Assay, Siemens Cal Ver/Lin	119–120
Tick identification		TMO	Ticks, Mites, and Other Arthropods	189
<b>Tissue parasite identification</b>	X	<b>BP</b>	Blood Parasite	188
	X	<b>P</b>	Parasitology	187
Tissue plasminogen activator		CGE/CGEX	Coagulation, Extended	159
<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	119
Topiramate		T	Toxicology	96
		UT	Urine Toxicology	96
		ZE	Therapeutic Drug Monitoring, Extended	60
Total bile acids		TBLA	Total Bile Acid	78
<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	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
	X	<b>NB, NB2</b>	Neonatal Bilirubin	65
Total bilirubin, urine	X	<b>CMP, CMP1</b>	Clinical Microscopy	144
	X	<b>HCC2</b>	Waived Combination	66
		<b>DSC</b>	Dipstick Confirmatory	147
Total free fatty acids		<b>FCFS</b>	Fecal Fat	75
<b>Total hCG</b>	X	<b>FP1T</b>	First Trimester Maternal Screening, Total hCG	87

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Total hemolytic complement		CH50	Total Hemolytic Complement	208
Total iron binding capacity, measured and % saturation	X	C3, C3X, CZ CZX, CZ2X	Chemistry and TDM	56–58
		CZQ	Quality Cross Check, Chemistry and TDM	43
Total nitrogen, urine		U	Urine Chemistry, General	68
Total nucleated cells		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
Total nucleated cells manual differential count (body fluid)		HFC/HFCI	Hemocytometer Fluid Count	148–149
		VBF	Virtual Body Fluid	146
Total nucleated red cells		CBT	Cord Blood Testing	221
		SCP	Stem Cell Processing	221
<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	72
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
		SPE	Protein Electrophoresis	76
Total protein, CSF	X	M, OLI	CSF Chemistry and Oligoclonal Bands	74
Total protein, urine		CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Total tricyclics	X	SDS	Serum Drug Screen	101
	X	ZT	TDM, Special	60
Touch imprint/crush prep		TICP, TICP1	Touch Imprint/Crush Prep	275
Toxicology, serum, qualitative	X	SDS	Serum Drug Screen	101
	X	T	Toxicology	96
Toxicology, urine, qualitative	X	DMPM	Drug Monitoring for Pain Management	106

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Toxicology, urine, qualitative (cont.)	X	T	Toxicology	96
<b>Delayed until 2019</b>		TQP	Toxicology Quality Program	108
	X	UDS, UDS6	Urine Drug Screen	98
	X	UT	Urine Toxicology	96
Toxicology, urine, qualitative/quantitative	X	DMPM	Drug Monitoring for Pain Management	106
	X	UDC	Forensic Urine Drug Testing, Confirmatory	99
<i>Toxoplasma gondii</i>	X	VR3	Antibody Detection-Infectious Disease Serology	200
<i>TPMT</i>		PGX3	Pharmacogenetics	243
Tramadol		DFC	Drug-Facilitated Crime	107
		DMPM	Drug Monitoring for Pain Management	106
		FTC	Forensic Toxicology, Criminalistics	104
		T	Toxicology	96
		UT	Urine Toxicology	96
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	121
	X	S2, S4	Immunology, Special	203
<b>Transfusion medicine</b>		ETME1	Expanded Transfusion Medicine Exercises	223
		EXM, EXM2	Electronic Crossmatch	215–216
	X	<b>J, J1</b>	Transfusion Medicine	214
	X	<b>JAT</b>	Transfusion Medicine, Automated	215
		JATE1	Transfusion Medicine, Automated	215
		JE1	Transfusion Medicine, Education	214
		TMCA	Transfusion Medicine, Competency Assessment	219
		TMCAD	Transfusion Medicine, Competency Assessment	219
		TMCAE	Transfusion Medicine, Competency Assessment	220
		TMCAF	Transfusion Medicine, Competency Assessment	220
	X	TRC	Transfusion-Related Cell Count	218

Analyte/Procedure	LAP ENR	Program Code	Description	Pg	
Trazodone		FTC	Forensic Toxicology, Criminalistics	104	
		T	Toxicology	96	
		UT	Urine Toxicology	96	
<b>Tréponema pallidum</b>	X	G	Syphilis Serology	208	
<i>Trichomonas vaginalis</i>		TVAG	<i>Trichomonas vaginalis</i> , Molecular	189	
	X	VS, VS1	Vaginitis Screen	181	
Tricyclic group		T	Toxicology	96	
		UDS, UDS6	Urine Drug Screen	98	
		UT	Urine Toxicology	96	
Tricyclics, total	X	SDS	Serum Drug Screen	101	
	X	ZT	TDM, Special	60	
<b>Triglycerides</b>		ABL	Accuracy-Based Lipid	110	
	X	C1, C3, C3X, C4, CZ, CZX, CZ2X	Chemistry and TDM	56-58	
		CZQ	Quality Cross Check, Chemistry and TDM	43	
		FCFS	Fecal Fat	75	
		FLD	Body Fluid	72	
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44	
	X	LCW	Ltd Chem, Waived	64	
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118	
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118	
	<b>Triiodothyronine (T3)</b>		ABTH	Harmonized Thyroid	112
		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	82	
	LN5	Ligand Assay Cal Ver/Lin	119-120		
	LN5S	Ligand Assay, Siemens Cal Ver/Lin	119-120		
Triiodothyronine (T3), free		ABTH	Harmonized Thyroid	112	
	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	82	
Trimipramine		T	Toxicology	96	
		UT	Urine Toxicology	96	

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
Troponin I, plasma	X	PCARM, PCARMX	Plasma Cardiac Markers	65
		POC12	Competency Plasma Cardiac Markers	53
Troponin I, serum	X	CRT, CRTI	Cardiac Markers	62
		LN25	Troponin I Cal Ver/Lin	125
Troponin T, serum		LN27	Troponin T Cal Ver/Lin	125
		TNT	Troponin T	62
	X	TNT5	Troponin T, 5 Challenge	62
Tumor necrosis factor (TNF)-alpha		CTKN	Cytokines	206
<i>UGT1A1</i>		PGX3	Pharmacogenetics	243
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	AQ2, AQ4	Aqueous Blood Gas	92
		AQ2Q, AQ4Q	Quality Cross Check, Critical Care Aqueous Blood Gas Series	46
	X	C1, C3, C3X, C4, CZ, CZX, CZ2X	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLDQ	Quality Cross Check, Body Fluid Chemistry	44
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118
		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Urea nitrogen, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Urea nitrogen, vitreous fluid		VF	Vitreous Fluid, Post-mortem	101
Urease	X	RUR	Rapid Urease	180
<b>Uric acid</b>	X	C1, C3, C3X, C4, CZ, CZX, CZ2X	Chemistry and TDM	56-58
		CZQ	Quality Cross Check, Chemistry and TDM	43
		FLD2	Body Fluid Chemistry 2	73
		IFS	Interfering Substances	130
		LN2	Chemistry, Lipid, Enzyme Cal Ver/Lin	118

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Uric acid (cont.)</b>		LN2BV	Chemistry, Lipid, Enzyme all Beckman except AU, Vitros Cal Ver/Lin	118
Uric acid, urine		LN6	Urine Chemistry Cal Ver/Lin	120
	X	U	Urine Chemistry, General	68
Urine albumin		LN20	Urine albumin Cal Ver/Lin	124
	X	U	Urine Chemistry, General	68
	X	UMC	Urine Albumin Creatinine	151
Urine albumin: creatinine ratio		ABU	Accuracy-Based Urine ratio	111
		U	Urine Chemistry, General	68
		UMC	Urine Albumin Creatinine	151
Urine colony count		MC3	Urine Colony Count	174
		MC4	Urine Colony Count Combination	174
Urine crystals identification		URC	Crystals	147
Urine crystals, semiquantitative		UAA	Automated Urinalysis	147
<b>Urine culture</b>	X	<b>D2, D7</b>	Throat, Urine Cultures	172
	X	<b>D4</b>	Bacteriology, Limited	173
	X	<b>MC1</b>	Microbiology Combination with GC	173
	X	<b>MC2</b>	Microbiology Combination	173
		MC3	Urine Colony Count	174
	X	<b>MC4</b>	Urine Colony Count Combination	174
	X	<b>MC5</b>	Throat Culture/Rapid Strep	174
Urine dipstick	X	CMP, CMP1	Clinical Microscopy	144
		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
		POC3	POC/Waived Urine Dipstick Competency	52
Urine drug screen	X	DMPM	Drug Monitoring for Pain Management	106
	X	UDS, UDS6	Urine Drug Screen	98
Urine hCG, qualitative	X	UHCG	Urine hCG	150
Urine sediment, color photographs	X	CMP, CMP1, CMMP	Clinical Microscopy	144–145
Urobilinogen	X	CMP, CMP1	Clinical Microscopy	144

Analyte/Procedure	LAP ENR	Program Code	Description	Pg
<b>Urobilinogen (cont.)</b>		CMQ	Quality Cross Check, Urinalysis	48
	X	HCC2	Waived Combination	66
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Analyte/Procedure	LAP ENR	Program Code	Description	Pg	Analyte/Procedure	LAP ENR	Program Code	Description	Pg
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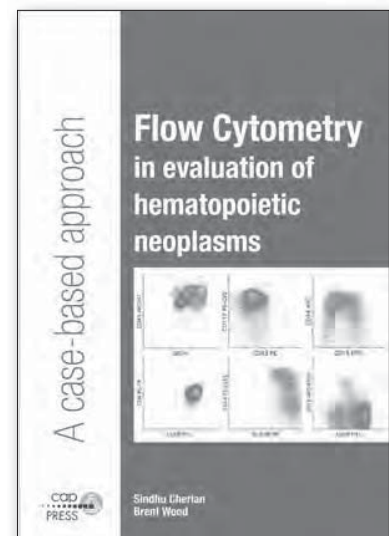
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