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Dimension EXL Assays Overview

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Dimension® EXL™ Assays Overview

Disease State/ Discipline	Assay Name [Test Mnemonic]	REF [SMN]	Assay Principle	Specimen Types	Analytical Measuring Range	Tests [Kit Config.]	Open Well Stability	Calibrator	REF [SMN]	Calibration Interval	IFU Reference
Anemia	Ferritin [FERR]	RF440 [10444946]	HM	S, P (Li Hep, Na Hep)	1.0–1000 ng/mL [1.0–1000 µg/L]	120 [4 x 30]	10 days wells 1, 3, 7 3 days wells 4–6	FERR CAL	RC440 [10445017]	90 days	2009-02-17 H PN 755440.001-US
Anemia	Folate [FOLA]	RF644 [10463370]	LOCI	S, P (Li Hep, Na Hep)	0.5–20 ng/mL [1.1–45.3 nmol/L]	120 [4 x 30]	5 days wells 3–8	LOCI Anemia CAL	RC640 [10463372]	21 days	2014-09-24 C PN 10866026-US
Anemia	Vitamin B12 [VB12]	RF642 [10463371]	LOCI	S, P (Li Hep, Na Hep, EDTA)	80–12000 pg/mL [59–1476 pmol/L]	120 [4 x 30]	3 days wells 1, 2, 4–6	LOCI Anemia CAL	RC640 [10463372]	21 days	2014-09-24 C PN 10866025-US
Cardiac	N-Terminal Pro-Brain Natriuretic Peptide [LNTP]	RF 723 [10464338]	LOCI	S, P (Li Hep, Na Hep, EDTA)	5–35,000 pg/mL [5–35,000 pg/mL]	72 [4 x 18]	3 days wells 1–8	LOC NTP CAL	RC623 [10464529]	30 days	2012-11-02 B PN 741723.001-US
Cardiac	N-Terminal Pro-Brain Natriuretic Peptide [NTP]	RF623 [10464526]	LOCI	S, P (EDTA, Li Hep, Na Hep)	5–35,000 pg/mL [5–35,000 pg/mL]	120 [4 x 30]	3 days wells 1–8	LOC NTP CAL	RC623 [10464529]	30 days	2012-10-24 B PN 741623.001-US
Cardiac	Mass Creatine Kinase MB Isoenzyme [MMB]	RF 420 [10444904]	HM	S, P (Li Hep, Na Hep, EDTA)	0.5–300 ng/mL [0.5–300 µg/L]	80 [4 x 20]	3 days wells 1–6 10 days wells 7–8	MMB/CKMB CAL	RC420 [10445023]	60 days	2009-03-02 G PN 755420.001-US
Cardiac	Myoglobin [MYO]	RF422A [10444907]	HM	S, P (Li Hep, Na Hep)	1.0–1000 ng/mL [1.0–1000 µg/L]	120 [4 x 30]	5 days wells 4–6 10 days wells 1, 3, 7–8	MYO CAL	RC422 [10445024]	90 days	2009-08-18 D PN 755422.101-US
Cardiac	Troponin I [TNI]	RF621 [10464525]	LOCI	S, P (Heparin)	0.017–40 ng/mL [0.017–40 µg/L]	144 [4 x 36]	3 days wells 1–8	LOCI TNI CAL	RC621 [10464336]	21 days	2012-11-13 C PN 741621.001
Diabetes	Hemoglobin A1c [HB1C]	DF105A [10483822]	TINIA	WB (EDTA)	Hb: 5.0–25.0 g/dL [3.1–15.5 mmol/L] HbA1c: 0.3–2.6 g/ [0.2–1.6 mmol/L] % A1c: 3.6–16.0% [17–151 mmol/mol]	120 [6 x 20]	5 days wells 1, 2, 5, 6 10 days well 3	HB1C CAL	DF105A [10483822]	30 days	2013-06-28 G PN 717105.003-US
Diabetes	Microalbumin [MALB]	DF114 [10444977]	PETINIA	U	1.3–100 mg/L [1.3–100 mg/L]	80 [4 x 20]	3 days wells 1–8	Microalbumin Cal	DC114 [10445022]	30 days	2008-03-04 C 717114.001-US

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Drugs of Abuse	Amphetamine/ Metamphetamines [AMPH]	DF91B [10444926]	Enzyme multiplier immunoassay technique (EMIT)	U	95–900 ng/mL [300 or 500 ng/mL cutoffs] 125–1800 ng/mL [1000 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT* CAL Level 0 Level 1 Level 2 Level 3 Level 5	9A509UL 9A529UL 9A549UL 9A569UL 9A609UL	30 days	2008-04-14 C PN 717091.111-US
Drugs of Abuse	Barbiturates [BARB]	DF96A [10444918]	Enzyme multiplier immunoassay technique (EMIT)	U	20–720 ng/mL [200 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4 Level 5	9A509UL 9A549UL 9A569UL 9A589UL 9A609UL	30 days	2011-10-17 H PN 717096.101-US
Drugs of Abuse	Benzodiazepines [BENZ]	DF97A [10444919]	Enzyme multiplier immunoassay technique (EMIT)	U	30–900 ng/mL [200 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4 Level 5	9A509UL 9A549UL 9A569UL 9A589UL 9A609UL	30 days	2009-05-20 H PN 717097.101-US
Drugs of Abuse	Cannabinoids [THC]	DF95A [10444925]	Enzyme multiplier immunoassay technique (EMIT)	U	15–85 ng/mL [50 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4	9A509UL 9A549UL 9A569UL 9A589UL	30 days	2009-05-19 G PN 717095.101-US
Drugs of Abuse	Cocaine Metabolite [COC]	DF92A [10444920]	Enzyme multiplier immunoassay technique (EMIT)	U	35–900 ng/mL [150 or 300 ng/mL cutoffs]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4 Level 5	9A509UL 9A549UL 9A569UL 9A589UL 9A609UL	30 days	2008-04-15 F 717092.101-US
Drugs of Abuse	Ecstasy [EXTC]	DF109 [10444921]	Enzyme multiplier immunoassay technique (EMIT)	U	25–450 ng/mL [300 ng/mL cutoff] 75–900 ng/mL [500 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT II Plus 6AM/EXTC CAL Level 1 Level 2 Level 3 Level 4	9X529UL 9X549UL 9X569UL 9X589UL	30 days	2013-04-25 E PN 717109.001-US
Drugs of Abuse	Methadone [METH]	DF90A [10444922]	Enzyme multiplier immunoassay technique (EMIT)	U	107–900 ng/mL [300 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4 Level 5	9A509UL 9A549UL 9A569UL 9A589UL 9A609UL	30 days	2008-04-14 F 717090.101-US

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Drugs of Abuse	Opiates [OPI]	DF93A [10444923]	Enzyme multiplier immunoassay technique (EMIT)	U	50–1800 ng/mL [300 ng/mL cutoff] 140–3800 ng/mL [2000 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 1 Level 2 Level 3 Level 5	9A509UL 9A529UL 9A549UL 9A569UL 9A609UL	30 days	2014-07-15 I PN 717093.101-US
Drugs of Abuse	Phencyclidine [PCP]	DF94A [10444924]	Enzyme multiplier immunoassay technique (EMIT)	U	5–75 ng/mL [25 ng/mL cutoff]	80 [4 x 20]	2 days wells 1–8	EMIT CAL Level 0 Level 2 Level 3 Level 4	9A509UL 9A549UL 9A569UL 9A589UL	30 days	2008-04-22 E 717094.102-US
General Chemistry	Acid Phosphatase [ACP]	DF11 [10444948]	Modified TMP	S, P	0–25 U/L [0–25 U/L]	120 [8 x 15]	3 days wells 1–6	ACP Verifier	DC23 10444994	90 days	2008-02-12 I 717011.001 - US
General Chemistry	Albumin [ALB]	DF13 [10444975]	Dye Binding-BCP	S, P [Li Hep, Na Hep]	0.6–8.0 g/dL [6–80 g/L]	480 [4 x 120]	3 days wells 1–6	TP/ALB Cal	DC31 10444993	90 days	2008-02-12 K 717013.001 - US
General Chemistry	Alanine Aminotransferase [ALT]	DF143 [10475530]	IFCC L-Alanine/ α -KG/ NADH to NAD/ Calibrated/ 37°C	S, P (Li Hep)	6–1000 U/L [0.10–16.70 μ kat/L]	240 [4 x 60]	3 days wells 1–8	ENZ 2 CAL	DC143 [10476170]	90 days	2014-03-14 F PN 717143.002-US
General Chemistry	Alkaline Phosphatase [ALPI]	DF150 [10642445]	IFCC p-NPP/ AMP/ Calibrated/37°C	S, P (Li Hep)	10–1000 U/L [0.17-16.70 μ kat/L]	480 [4 x 90]	2 days wells 1–6 4 days wells 7–8	ALPI CAL	DC150 [10714028]	90 days	2012-09-04 A PN 717015.002-US
General Chemistry	Ammonia [AMM]	DF119 [10711991]	Glutamate Dehydrogenase	P (EDTA, Li Hep)	17–1277 μ g/dL [10–750 μ mol/L]	120 [4 x 30]	3 days wells 1–6	CHEM III CAL	DC130 [10711580]	60 days	2013-06-26 B PN 717119.001-US
General Chemistry	Amylase [AMY]	DF17A [10444965]	CNPG3/ Calibrated/37°C	S, P (Li Hep) U	0–650 U/L [0–650 U/L]	240 [4 x 60]	3 days wells 1–6	Enzyme Verifier	DC19 [10445016]	90 days	2012-04-18 H PN 717017.003-US
General Chemistry	Aspartate Aminotransferase [AST]	DF41A [10444959]	IFCC L-Aspartate/ α KG/NADH to NAD/ Calibrated/37°C	S, P	0–1000 U/L [0–1000 U/L]	360 [4 x 90]	3 days wells 1–6	Enzyme Verifier	DC19 [10445016]	90 days	2012-07-13 H PN 717041.002-US
General Chemistry	Calcium [CA]	DF23A [10444949]	Cresolphthalein Complexone	S, P U	S,P: 5.0–15.0 mg/dL [1.25–3.75 mmol/L]	480 [8 x 60]	1 day wells 1–6 10 days wells 7–8	CHEM 1 CAL	DC18C [10716280]	90 days	2013-01-11 M PN 717123.002-US
General Chemistry	Carbon Dioxide [ECO2]	DF137 [10444972]	Enzymatic	S, P	5–45 mmol/L [5–45 mmol/L]	360 [4 x 90]	2 days wells 1–6	CHEM III CAL	DC130 [10711580]	60 days	2013-06-05 G PN 717137.101-US

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General Chemistry	Cholesterol [CHOL]	DF27 [10444891]	Enzymatic	S, P	50–600 mg/dL [1.3–15.5 mmol/L]	480 [8 x 60]	5 days wells 1–6	CHOL Cal	DC16 [10444998]	90 days	2008-03-04 I 717027.001-US
General Chemistry	Creatinine [CRE2]	DF33B [10872079]	Jaffe, Alkaline Picrate IDMS Traceability	S, P (Li Hep) U	S, P: 0.15–20.0 mg/dL [13.0–1768 µmol/L] U: 5.00–400 mg/dL [422–26,520 µmol/L]	480 [4 x 120]	3 days wells 1-6	CHEM 1 CAL	DC18C 10716280	90 days	2014-02-27 A PN [10872080-US]
General Chemistry	Creatine Kinase [CKI]	DF38 [10464511]	IFCC CP/ADP/ NADP to NADPH/ Calibrated/ 37°C	S, P (EDTA, Li Hep, Na Hep)	7–1000 U/L [0.12–16.67 µkat/L]	480 [4 x 120]	5 days wells 1–4 10 days wells 5–6	CKI/MBI CAL	DC32 [10464508]	90 days	2012-10-31 C PN 717038.001-US
General Chemistry	Creatine Kinase MB [MBI]	DF32 [10464510]	IFCC Enzymatic Immunoinhibition	S, P (EDTA, Li Hep, Na Hep)	3–125 U/L [0.05–2.08 µkat/L]	120 [4 x 30]	5 days wells 1–3 15 days well 6	CKI/MBI CAL	DC32 [10464508]	90 days	2012-11-05 D PN 717032.002-US
General Chemistry	Direct Bilirubin [DBI]	DF125 [10444956]	Modified Diazo Jendrassik–Grof	S, P (EDTA, Li Hep)	0.05–16.0 mg/dL [0.86–274 µmol/L]	320 [8 x 40]	2 days wells 1–4 30 days wells 5–8	TBI/DBI CAL	DC167 [10445013]	90 days	2013-07-05 C PN 717125.001-US
General Chemistry	Enzymatic Creatinine [ECREA]	DF270B [10471520]	Creatininase	S, P (Li Hep, Na Hep) U	S, P: 0.03 – 20.0 mg/dL [3 – 1768 µmol/L] U: 0.6–400 mg/dL [53–35360 µmol/L]	360 [4 x 90]	5 days wells 1–6	CHEM I	DC18C [10716280]	90 days	2014-11-21 E PN 717270.003-US
General Chemistry	Gamma Glutyl Transaminase [GGT]	DF45A [10444960]	IFCC GCNA/Calibrated/37°C	S, P (Li Hep)	0–800 U/L [0–800 U/L]	288 [4 x 72]	3 days wells 1–6 30 days wells 7–8	ENZ 1 CAL	DC19 [10445016]	90 days	2008-03-04 J 717045.002-US
General Chemistry	Glucose [GLUC]	DF40 [10444971]	Hexokinase, UV	S, P (EDTA, Li Hep, K Oxalate, Na Hep) CSF U	0–500 mg/dL [0.00–27.8 mmol/L]	960 [4 x 240]	7 days wells 1–6	CHEM 1 CAL	DC18C [10716280]	90 days	2014-07-30 E PN 717040.001-US
General Chemistry	HDL Cholesterol [AHDH]	DF48A [10464332]	Liquid Selective Detergent	S, P (Li Hep, Na Hep)	10–150 mg/dL [0.26–3.89 mmol/L]	240 [8 x 30]	3 days wells 1–3 10 days well 4 15 days wells 5–6	AHDH CAL	DC48 [10464328]	90 days	2008-03-06 C 717048.101-US

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General Chemistry	Iron [IRON]	DF85 [10444945]	Ferene	S, P (Li Hep, Na Hep)	5–1000 µg/dL [0.9–179.0 µmol/L]	240 [4 x 60]	3 days wells 1–4 14 days wells 5–6	IRON CAL	DC85 [10445010]	90 days	2013-07-25 E PN 717085.001-US
General Chemistry	Lactate Dehydrogenase [LDI]	DF54 [10284483]	L-Lactate/ NAD to NADH/ Calibrated/ 37°C	S, P (Li Hep, Na Hep)	6–1000 U/L [0.10–16.70 µkat/L]	120 [4 x 30]	3 days wells 1–4 6 days wells 5–6	ENZ1 CAL	DC35 [10284680]	90 days	2013-09-18 D PN 717054.001-US
General Chemistry	Lactic Acid [LA]	DF16 [10444961]	Lactate to Pyruvate/ NAD to NADH/ Calibrated/37°C	P (Na FL/ K Oxalate) CSF	0.3–15.0 mmol/L [0.3–15.0 mmol/L]	120 [4 x 30]	5 days wells 1–8	CHEM 1 CAL	DC18C [10716280]	90 days	2014-07-30 H PN717016.001-US
General Chemistry	LDL Cholesterol [ALDL]	DF131 [10444890]	Liquid Selective Detergent	S, P (Li Hep, Na Hep)	5–300 mg/dL [0.13–7.8 mmol/L]	120 [4 x 30]	5 days wells 1–6	ALDL	DF131 [10444996]	60 days	2008-02-13 B 717731.001-US
General Chemistry	Lipase [LIPL]	DF56 [10460277]	Methyl resorufin ester substrate/ Calibrated/37°C	S, P (Li Hep, Na Hep)	10–1500 U/L [10–1500 U/L]	120 [4 x 30]	7 days wells 1–6	LIPL CAL	DC56 [10460278]	45 days	2013-07-24 D PN 717056.001-US
General Chemistry	Magnesium [MG]	DF57 [10444963]	Colorimetric Methylthymol Blue [MTB]	S, P (Li Hep, NA FL/K Oxalate) U	0.0–20.0 mg/dL [0.00–8.22 mmol/L]	120 [4 x 30]	2 days wells 1–8	CHEM II CAL	DC20 [10444997]	90 days	2010-02-04 L PN 717057.001-US
General Chemistry	Phosphorus [PHOS]	DF61A [10720277]	Phosphomolybdate UV	S, P (EDTA, Li Hep) U	0.5–9.0 mg/dL [5.0–2.90 mmol/L]	120 [4 x 30]	3 days wells 1–6 30 days wells 7–8	CHEM II CAL	DC20 [10444997]	90 days	2014-12-15 D PN 10718875-US
General Chemistry	Pseudocholinesterase [PCHE]	DF51 [10444964]	BTC/DIP	S, P	0.0–14.0 U/mL [0–14000 U/L]	120 [4 x 30]	3 days wells 1–6	PCHE Verifier	DC28 [10444987]	90 days	2008-02-29 F 717051.001-US
General Chemistry	Total Bilirubin [TBI]	DF167 [10444957]	Modified Diazo Jendrassik-Grof	S, P (Li Hep, EDTA)	0.1–25.0 mg/dL [2–428 µmol/L]	480 [8 x 60]	5 days wells 1, 4–6 3 days well 3 15 days well 2	TBI/DBI CAL	DC167 [10445013]	90 days	2013-07-25 C PN 717167.001-US
General Chemistry	Total Iron Binding Capacity [IBCT]	DF84 [10444944]	Ferene	S	36–1000 µg/dL [6.4–179.1 µmol/L]	240 [4 x 60]	6 days wells 1–3 30 days 4–8	IBCT	DF84 [10445006]	90 days	2012-09-18 F PN 717084.001-US

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General Chemistry	Total Protein [TP]	DF73 [10444979]	Biuret	S, P (Citrate, EDTA, Li Hep, NA FL/K Oxalate)	2.0–12.0 g/dL [20–120 g/L]	480 [4 x 120]	5 days wells 1–6	TP/ALB CAL	DC31 [10444993]	90 days	2013-09-27 M PN 717073.001-US
General Chemistry	Triglycerides [TGL]	DF69A [10444906]	No Glyc/serum Blank/ ENZ-Color[GPO]	S, P	15–1000 mg/dL [0.17–11.3 mmol/L]	480 [4 x 120]	10 days wells 1–6	CHEM II CAL	DC20 [10444997]	90 days	2008-02-29 C 717069.101-US
General Chemistry	Urea Nitrogen [BUN]	DF21 [10444969]	Urease with GLDH	S, P (EDTA, Li Hep, NA FL/K Oxalate)	0–150 mg/dL [0.0–53.6 mmol/L]	480 [4 x 120]	5 days wells 1–6	CHEM I CAL	DC18C [10716280]	30 days	2014-07-30 M PN 717021.001-US
General Chemistry	Uric Acid [URCA]	DF77 [10444967]	Uricase	S, P (EDTA, Li Hep, NA FL/K Oxalate)	0.0–20.0 mg/dL [0–1190 µmol/L]	480 [8 x 60]	3 days wells 1–3 30 days well 8	CHEM I CAL	DC18C [10716280]	90 days	2014-07-30 L PN 717077.001-US
General Chemistry	Urinary/Cerebrospinal Fluid Protein [UCFP]	DF26 [10444950]	Pyrogallol Red	U CSF	6–250 mg/dL [60–2500 mg/L]	80 [4 x 20]	5 days wells 1–5, 7, 8	UCFP CAL	DC45 [10444989]	60 days	2009-02-06 H PN 717026.001-US
ISD	Cyclosporine [CSA]	DF89A [10285193]	Immunoassay	WB (EDTA)	25–500 ng/mL [20.8–416.0 nmol/L]	80 [4 x 20]	3 days wells 1–6 10 days wells 7–8	CSA CAL	DC89 [10445001]	30 days	2013-04-05 C PN 717089.002-US
ISD	Cyclosporine Extended Range [CSA]	DF108 [10444934]	Immunoassay	WB (EDTA)	350–2000 ng/mL [291.2–1664 nmol/L]	80 [4 x 20]	3 days wells 1–6 10 days wells 7–8	CSAE CAL	DC108A [10445004]	30 days	2009-05-15 E PN 717108.001-US
ISD	Mycophenolic Acid [MPAT]	DF115 [10464329]	PETINIA	S, P (EDTA)	0.2–30.0 µg/mL [0.62–93.60 µmol/L]	80 [4 x 20]	3 days wells 1–8	MPAT CAL	DC115 [10464329]	30 days	2012-10-31 C PN 717115.001-US
		DF 215 [10706859]									2011-12-07 2011 A PN 717215.001 (US)
ISD	Sirolimus [SIRO]	DF306 [10464331]	Magnetic Particle	WB (EDTA)	2.0–30.0 ng/mL [2.2–32.7 nmol/L]	320 [4 x 80]	2 days wells 1–6 6 days wells 7–8	SIRO CAL	DC306 [10464327]	30 days	2012-10-24 E PN 717306.001-US
ISD	Tacrolimus [TACR]	DF 107 [10444938]	Magnetic Particle	WB (EDTA)	1.2–30.0 ng/mL [1.6–39.0 nmol/L]	80 [4 x 20]	2 days wells 1–6 6 days wells 7–8	TACR CAL	DC107 [10445012]	30 days	2009-03-10 D PN 717107.002-US

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ISE	Sodium [NA]	G901 [10445059]	Direct Potentiometric	S, P [Li Hep] U	S, P: 80–200 mmol/L U: 2–300 mmo/L	NA	NA	ISE STD A ISE STD B ISE STD C	D202 [10444882] D103A [10444879] D200 [10444882]	4 hours	D-00956
ISE	Chloride [CL]	G908 [10445056]	Direct Potentiometric	S, P (Li Hep) U	S, P: 50–150 mmol/L U: 10–330 mmo/L	NA	NA	ISE STD A ISE STD B ISE STD C	D202 [10444882] D103A [10444879] D200 [10444882]	4 hours	D-00956
ISE	Potassium [K]	G902 [10445057]	Direct Potentiometric	S, P (Li Hep) U	S, P: 1–15 mmol/L U: 2–90 mmo/L	NA	NA	ISE STD A ISE STD B ISE STD C	D202 [10444882] D103A [10444879] D200 [10444882]	4 hours	D-00956
Oncology	Free Prostate Specific Antigen [FPSA]	RF452 [10444888]	HM	S, P (Li Hep)	0.05–20 ng/mL [0.05–20 µg/L]	120 [4 x 30]	15 days wells 1, 3, 7 5 days wells 4–6	T/F PSA CAL	RC452 [10445031]	90 days	2011-02-28 J PN 755452.001-US
Oncology	Total Prostate Specific Antigen [TPSA]	RF451 [10444889]	HM	S, P (Li Hep)	0.13–100 ng/mL [0.13–100 µg/L]	120 [4 x 30]	15 days wells 1, 3, 7 5 days wells 4–6	T/F PSA CAL	RC452 [10445031]	90 days	2011-03-01 I PN 755451.001-US
Plasma Proteins	C-Reactive Protein [CRP]	DF37 [10444894]	PETIA	S, P (Li Hep)	0.2–12.0 mg/dL [2.0–120 mg/L]	120 [4 x 30]	3 days wells 1–6 30 days wells 7–8	CRP CAL	DC30 [10444998]	60 days	2009-02-13 L PN 717179.001-US
Plasma Proteins	C-Reactive Protein Extended Range [RCRP]	DF34 [10444903]	PETIA	S, P (Li Hep)	0.5–250.0 mg/dL [0.05–25.0 mg/L]	120 [4 x 30]	3 days wells 1–6	RCRP CAL	DC34 [10445026]	60 days	2010-01-25 I PN 717034.001-US
Plasma Proteins	CardioPhase® hs CRP [CCRP]	RF434 [10444897]	Immunometric	S, P (Li Hep, Na Hep)	0.1–15.0 mg/L [0.1–15.0 mg/L]	120 [4 x 30]	10 days wells 1–3 3 days wells 4–6	CCRP CAL	RC434 [10445003]	90 days	2010-10-14 F PN 717434.001-US
Plasma Proteins	Complement 3 [C3]	DF101 [10444980]	Immunoturbidimetric	S	10–350 mg/dL [0.10–3.50 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC51 [10445028]	60 days	2008-04-16 D PN 717101.003-US

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Plasma Proteins	Complement 4 [C4]	DF102 [10444981]	Immunoturbidimetric	S	5.0–140.0 mg/dL [0.050–1.400 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC51 [10445028]	60 days	2008-04-02 D PN 717102.002-US
Plasma Proteins	Immunoglobulin A [IGA]	DF74 [10444982]	Turbidimetric	S, P	10–1000 mg/dL [0.10–10.0 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC51 [10445028]	60 days	2008-09-05 D PN 717074.001-US
Plasma Proteins	Immunoglobulin G [IGG]	DF76 [10444983]	Turbidimetric	S, P	50–4500 mg/dL [5.0–45.0 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC51 [10445028]	60 days	2008-09-17 D PN 717076.001-US
Plasma Proteins	Immunoglobulin M [IGM]	DF81 [10444984]	Turbidimetric	S, P	48–450 mg/dL [0.48–4.5 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC51 [10445028]	60 days	2008-04-23 D PN 717081.002-US
Plasma Proteins	Prealbumin [PREALB]	DF80 [10444978]	PETIA	S, P (EDTA, Li Hep, Na Hep)	2.0–50.0 mg/dL [20–500 mg/L]	120 [4 x 30]	3 days wells 1–3 3 days wells 5–8	Prealbumin Cal	DC50 [10445025]	60 days	2008-02-19 D 717080.001-US
Plasma Proteins	Transferrin [TRFN]	DF103 [10444985]	Turbidimetric	S, P	S,P: 40–750 mg/dL [0.4–7.50 g/L]	120 [4 x 30]	4 days wells 1–6	Special Protein CAL	DC 51 [10445028]	60 days	2008-04-04 D 717103.002-US
Reproductive Endocrinology	Human Chorionic Gonadotropin [HCG]	RF430 [10444913]	HM	S, P (Li Hep, Na Hep, EDTA)	1–1000 mIU/mL [1–1000 IU/L]	120 [4 x 30]	5 days wells 1–2 3 days wells 4–6 10 days wells 3, 7–8	HCG CAL	RC430 [10445019]	60 days	2012-11-27 H PN 755430.001-US
TDM	Carbamazepine [CRBM]	DF87 [10444930]	PETINIA	S, P (Citrate, EDTA, Hep)	0.0–20.0 µg/mL [0.0–84.7 µmol/L]	120 [4 x 30]	3 days wells 1–6	DRUG CAL II	DC49D [10445006]	30 days	2009-05-20 F PN 717087.001-US
TDM	Digitoxin [DGTX]	DF36 [10444932]	Immunoassay	S, P (EDTA, Li Hep, Na Hep)	2.0–80.0 ng/mL [2.6 -104.6 nmol/L]	80 [4 x 20]	3 days wells 1–6 10 days well 7	DRUG CAL II	DC49D [10445006]	30 days	2009-02-17 G PN 717036.002-US
TDM	Digoxin [DGNA]	DF35A [10444941]	Immunoassay	S, P	0.20–5.00 ng/mL [0.26–6.41 nmol/L]	80 [4 x 20]	3 days wells 1–6 10 days well 7	DRUG CAL	DC 22B [104445014]	30 days	2011-08-30 L PN 717036.001-US
TDM	Gentamicin [GENT]	DF12 [10444927]	PETINIA	S, P (Citrate, EDTA, Hep)	0.0–12.0 µg/mL [0.00–25.92 µmol/L]	80 [4 x 20]	3 days wells 1–6 30 days well 8	DRUG CAL II	DC49D [10445006]	30 days	2008-03-03 F 717012.001-US

Disease State/ Discipline	Assay Name [Test Mnemonic]	REF [SMN]	Assay Principle	Specimen Types	Analytical Measuring Range	Tests [Kit Config.]	Open Well Stability	Calibrator	REF [SMN]	Calibration Interval	IFU Reference
TDM	Lidocaine [LIDO]	DF113 [10444935]	PETINIA	S, P (Citrate, EDTA, Hep)	0.5–12.0 µg/mL [2.14–51.2 µmol/L]	80 [4 x 20]	3 days wells 1–8	DRUG CAL II	DC49D [10445006]	30 days	2008-06-05 B 717113.002-US
TDM	Lithium [LITH]	DF132 [10444939]	Colorimetric	S, P (Na Hep)	0.20–5.00 mmol/L [0.20–5.00 mmol/L]	80 [4 x 20]	5 days wells 1–6	DRUG CAL	DC 22B [104445014]	60 days	2008-03-06 C 717132.002-US
TDM	N-Acetylprocainamide [NAPA]	DF111 [10444936]	PETINIA	S, P (EDTA, Li Hep, Na Hep)	0.5–30.0 µg/mL [1.8–108.3 µmol/L]	80 [4 x 20]	3 days wells 1–6	DRUG CAL II	DC49D [10445006]	30 days	2008-04-23 B 717111.001-US
TDM	Phenobarbital [PHNO]	DF60 [10444933]	PETINIA	S, P (Citrate, EDTA, Hep)	0.0–80.0 µg/mL [0–344 µmol/L]	80 [4 x 20]	3 days wells 2, 3, 5–8	DRUG CAL	DC22B [104445014]	30 days	2008-02-20 H 717060.002-US
TDM	Phenytoin [PTN]	DF64 [10444940]	PETINIA	S, P (Citrate, EDTA, Hep)	0.5–40.0 µg/mL [2.0–158.4 µmol/L]	80 [4 x 20]	3 days wells 1–6 7 days wells 7–8	DRUG CAL	DC 22B [104445014]	30 days	2008-02-29 F 717064.001-US
TDM	Procainamide [PROC]	DF110 [10444937]	PETINIA	S, P (EDTA, Li Hep, Na Hep)	0.5–20.0 µg/mL [2.1–85 µmol/L]	80 [4 x 20]	3 days wells 1–6	DRUG CAL II	DC49D [10445006]	30 days	2008-03-04 B 717110.001-US
TDM	Theophylline [THEO]	DF71 [10444942]	PETINIA	S, P (EDTA, Li Hep, NaFI/ K Oxalate)	2.0–40.0 µg/mL [11–222 µmol/L]	80 [4 x 20]	3 days wells 1–5 30 days well 7	DRUG CAL	DC22B [104445014]	60 days	2008-04-22 J 717071.001-US
TDM	Tobramycin [TOBR]	DF14 [10444928]	PETINIA	S, P (Citrate, EDTA, Hep)	0.0–12.0 µg/mL [0–25.7 µmol/L]	80 [4 x 20]	3 days wells 1–6 30 days well 8	DRUG CAL II	DC49D [10445006]	30 days	2010-01-22 G PN 717014.001-US
TDM	Valproic Acid [VALP]	DF78 [10444943]	PETINIA	S, P	3.0–150.0 µg/mL [20.8–1040 µmol/L]	80 [4 x 20]	3 days wells 1–6	DRUG CAL II	DC49D [10445006]	30 days	2008-02-29 E 717078.001-US
TDM	Vancomycin [VANC]	DF86 [10444929]	PETINIA	S, P (Citrate, EDTA, Hep)	0.0–50.0 µg/mL [0.0–33.5 µmol/L]	80 [4 x 20]	3 days wells 1–6 30 days wells 8	DRUG CAL II	DC49D [10445006]	30 days	2009-05-27 F PN 717086.001-US
Thyroid	Free Thyroxine [FT4L]	RF610 [10464523]	LOCI	S, P (Li Hep, Na Hep, EDTA)	0.1–8.0 ng/dL [1.3–103 pmol/L]	120 [4 x 30]	3 days wells 1–6	LOCI Thyroid CAL	RC610A [10484354]	30 days	2010-08-05 B PN 741610.001-US

Disease State/ Discipline	Assay Name [Test Mnemonic]	REF [SMN]	Assay Principle	Specimen Types	Analytical Measuring Range	Tests [Kit Config.]	Open Well Stability	Calibrator	REF [SMN]	Calibration Interval	IFU Reference
Thyroid	Free Triiodothyroxine [FT3]	RF616 [10483414]	LOCI	S, P (Li Hep, Na Hep, EDTA)	0.50–30.00 pg/mL [0.77–46.1 pmol/L]	120 [4 x 30]	3 days wells 1–6	LOCI Thyroid CAL	RC610A [10484354]	15 days	2011-06-20 B PN 741616.001-US
Thyroid	Thyroid Stimulating Hormone [TSHL]	RF612 [10464524]	LOCI	S, P (Li Hep, Na Hep, EDTA)	0.007–100 µIU/mL [0.007–100 mIU/L]	200 [4 x 50]	3 days wells 1–6	LOCI Thyroid CAL	RC610A [10484354]	30 days	2011-03-07 C PN 741612.001-US
Thyroid	Thyronine Uptake [TU]	DF75A [10444912]	EMIT Enzyme Immunoassay	S, P	15–68%	160 [8 x 20]	2 days wells 1–6 15 days wells 7–8	TU CAL	DC14 [10459406]	60 days	2008-12-03 G 717075.001-US
Thyroid	Thyroxine [T4]	DF65 [10444908]	EMIT Enzyme Immunoassay	S, P (Li Hep, Na FL)	0.5–24.0 µg/dL [6.4–309 nmol/L]	120 [4 x 30]	3 days wells 1–6 15 days wells 7–8	T4 CAL	DC13 [10445029]	60 days	2009-06-25 K 717065.001-US
Toxicology	Acetaminophen [ACTM]	DF88 [10444916]	Enzymatic	S, P (Li Hep)	0.0–300.0 µg/mL [0.0–1985.4 µmol/L]	80 [2 x 40]	3 days wells 1–6	DRUG CAL II	DC49D [10445006]	90 days	2008-03-06 F 717088.001-US
Toxicology	Ethyl Alcohol [ETOH]	DF22 [10459408]	Alcohol Dehydrogenase/ UV	S, P (EDTA, Li Hep, NaFl/K Oxalate, NA Hep) U	3–300 mg/dL [0.7–65.1 mmol/L]	120 [4 x 30]	5 days wells 1–6	CHEM III CAL	DC130 [10711580]	90 days	2013-06-05 F PN 717022.002-US
Toxicology	Salicylate [SAL]	DF20 [10444915]	Ferric Nitrate Colorimetric	S, P (EDTA, Li Hep)	0.2–100 mg/dL [0.01–7.24 mmol/L]	120 [4 x 30]	5 days wells 1–8	SAL CAL	DC38 [10444992]	90 days	2008-03-04 G 717020.001-US

CSF: Cerebrospinal fluid

P: Plasma

S: Serum

U: Urine

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