



TEST/PANEL NAME	Gender	Age		Low	High	Units	Critical	
17OH Progesterone SerPI QN	Male	0 - 15 yrs		0	50	ng/dL		
		15 - 150 yrs		45	203	ng/dL		
	Female	0 - 150 yrs		10	300	ng/dL		
			Pregnant		230	760	ng/dL	
			Postmenopausal		30	90	ng/dL	
ACE SerPI QN			20	70	U/L			
ACTH PI QN			7.2	63	pg/mL			
ACTH 1HR Stimulation Ser QN								
Cortisol Pre				8	25	mcg/dL		
Cortisol Ser 30 min Post			At 30 min, cortisol should be at least 7 mcg/dL higher than baseline control					
Cortisol Ser 60 min Post				Undefined		mcg/dL		
AFP Fld QN				Undefined		ng/mL		
AFP SerPI QN		0 - 4 mo		34.0	100,000	ng/mL		
		4 mo - 1 yr		1.0	113	ng/mL		
		1 y - 150 yrs		0.0	25.0	ng/mL		
AKI Marker (Nephrocheck)				0.00	0.30	(ng/mL) ² /1000		
Alpha-1-Antitrypsin Ser QN				85	215	mg/dL		
ALT SerPI QN				7	52	U/L		
AST SerPI QN				13	39	U/L		
Acetaminophen SerPI QN				10	20	mcg/mL	> 200	
Albumin Fld QN				Undefined		gm/dL		
Albumin SerPI QN		0 - 1 day		2.4	4.1	gm/dL		
		1 day - 1 week		3.8	5.1	gm/dL		
		1 week - 4 mo		3.1	4.2	gm/dL		
		4 mo - 4 yr		3.1	4.7	gm/dL		
		4 - 14 yr		3.5	4.7	gm/dL		
		14 - 150 yr		3.5	5.0	gm/dL		
Albumin Urine Excretion Rate			A1 Normal to mildly increased	0	29.0	mg/24hr		
			A2 Moderately incr	30	300.0	mg/24hr		
			A3 Severely increased	>300		mg/24hr		
Albumin/Creatinine Urine Ratio			A1 Normal to mildly increased	0	29.0	mcg/mg Cr		
			A2 Moderately incr	30	300.0	mcg/mg Cr		
			A3 Severely increased	>300		mcg/mg Cr		
Aldolase Ser QN	Male			2.0	7.0	U/L		
	Female			1.0	8.0	U/L		
Aldosterone Ser QN		0 - 7 days		5.0	102.0	ng/dL		
		1 - 4 weeks		6.0	179.0	ng/dL		
		1 - 12 months		7.0	99.0	ng/dL		

		1 - 3 yrs		7.0	93.0	ng/dL	
		3 - 11 yrs		4.0	44.0	ng/dL	
		11 - 15 yrs		4.0	31.0	ng/dL	
		15 yrs and older				ng/dL	
			Posture Unspecified	0.0	31.0	ng/dL	
			Supine	0.0	16.0	ng/dL	
			Upright	4.0	31.0	ng/dL	
Aldosterone/Renin, Direct Ratio				0.1	3.7		
Alkaline Phos Fld QN				Undefined		U/L	
Alkaline Phos SerPI QN		0 - 1yr		88	351	U/L	
		1 - 2 yr		65	380	U/L	
		2 - 12 yr		102	400	U/L	
		12 - 14 yr		74	397	U/L	
		14 - 18 yr		48	277	U/L	
		18 - 21 yr		17	142	U/L	
		21 - 150 yr		25	125	U/L	
Alkaline Phos Iso SerPI							
Alk Phos Tot		0 - 1yr		88	351	U/L	
		1 - 2 yr		65	380	U/L	
		2 - 12 yr		102	400	U/L	
		12 - 14 yr		74	397	U/L	
		14 - 18 yr		48	277	U/L	
		18 - 21 yr		17	142	U/L	
		21 - 150 yr		25	125	U/L	
Alk Phos Liver		0 - 20 yrs		10	40	%	
		20 - 150 yrs		40	80	%	
Alk Phos Bone		0 - 20 yrs		60	90	%	
		20 - 150 yrs		20	60	%	
Alk Phos Macroh				0	0	%	
Alk Phos Intest		0 - 150 yrs		0	10	%	
Allergens				See chart		kU/L	
Alpha-1-Antitrypsin Ser				85	215	mg/dL	
Amikacin Post SerPI QN		0 - 30 days		10.0	30.0	mcg/mL	> 45.0
		1 mo - 150 yrs		30.0	90.0	mcg/mL	> 100.0
Amikacin Pre SerPI QN		0 - 30 days		0.0	4.5	mcg/mL	> 10.0
		1 mo - 150 yrs		0.0	6.0	mcg/mL	> 10.0
Amikacin Ran SerPI QN		0 - 30 days		3.0	30.0	mcg/mL	> 45.0
		1 mo - 150 yrs		0.0	30.0	mcg/mL	> 100.0
Ammonia PI QN				6	47	mcmol/L	≤ 30 days ≥ 120 mcmol/L
							> 30 days ≤ 18 yrs: ≥ 100 mcmol/L
Amylase Fld QN				Undefined		U/L	
Amylase SerPI QN				19	86	U/L	
Amylase Ur Ran QN				Undefined		U/L	
Amylase Ur Tm QN				1	17	U/hr	
Anti-CCP Ser QN				0.0	4.9	U/mL	
Anti-DNA Ser QN			Negative		<10.0	U/mL	
			Equivocal		10.0 - 15.0	U/mL	
			Positive		>15.0	U/mL	

Antistreptolysin O (ASO)		0 - 6 yrs		0	99	U/mL	
		6 - 19 yrs		166	250	U/mL	
		19 - 150 yrs		0	99	U/mL	
BNP PI QN				0	100	pg/mL	
Blood Gas							
pH arterial				7.35	7.45		< 7.20 > 7.60
pH venous				7.35	7.45		< 7.20 > 7.60
pH PA				7.35	7.45		< 7.20 > 7.60
pCO2 arterial		0 - 1 month		27	40	mmHg	< 20 > 60
		1 month - 150 yrs		35	45	mmHg	< 20 > 60
pCO2 venous		0 - 1 month		27	40	mmHg	< 20 > 60
		1 month - 150 yrs		40	60	mmHg	< 20 > 60
pCO2 PA		0 - 1 month		27	40	mmHg	< 20 > 60
		1 month - 150 yrs		35	45	mmHg	< 20 > 60
pO2 arterial		0 - 1 day		54	110	mmHg	< 40
		1 day - 150 yrs		80	110	mmHg	< 40
pO2 venous		0 - 150 yrs		35	45	mmHg	
pO2 PA		0 - 150 yrs		35	45	mmHg	
HCO3- arterial/venous/PA				22	29	mmol/L	< 10 > 40
Base Excess				-2	+2		
O2 Sat (calc) arterial				95	98	%	
O2 Sat (calc) venous				Undefined		%	
O2 Sat (calc) PA				60	80	%	
O2 Sat (measured) PA				60	80	%	
O2 Sat (measured) arterial		0 - 1 day		85	95	%	
		1 day - 150 yrs		95	98	%	
O2 Sat (measured) venous						%	
Beta 2 Micro SerPI QN				0.00	2.00	mg/L	
Beta 2 Glycoprotein IgA			Negative	< 7.0		U/mL	
			Equivocal	7.0	10.0	U/mL	
			Positive	> 10.0		U/mL	
Beta 2 Glycoprotein IgG			Negative	< 7.0		U/mL	
			Equivocal	7.0	10.0	U/mL	
			Positive	> 10.0		U/mL	
Beta 2 Glycoprotein IgM			Negative	< 7.0		U/mL	
			Equivocal	7.0	10.0	U/mL	
			Positive	> 10.0		U/mL	
Beta HCG FLD (CSF) QN				Undefined		mU/mL	
Beta HCG SerPI QN	Male			0.0	4.9	mU/mL	
	Female			0.0	4.9	mU/mL	
			7 - 8th week	19,000	245,000	mU/mL	
			2 - 3 mo	14,000	360,000	mU/mL	
			2nd Trimester	28,000	67,000	mU/mL	
			3rd Trimester	7,000	58,000	mU/mL	
Beta Hydroxybutyrate				0.02	0.27	mmol/L	
Bilirubin Direct SerPI QN				0.0	0.2	mg/dL	
Bili Fractions SerPI							
Bilirubin Direct SerPI QN				0.0	0.2	mg/dL	

Bilirubin Total SerPI QN		0 - 1 day		2.0	6.0	mg/dL	Neonates: > 15
		1 day - 3 days		2.0	7.0	mg/dL	Neonates: > 15
		3 days - 1 week		2.0	6.0	mg/dL	Neonates: > 15
		1 week - 150 yrs		0.0	1.0	mg/dL	Neonates: > 15
Bilirubin Fld QN				Undefined		mg/dL	
Bilirubin Total SerPI QN		0 - 1 day		2.0	6.0	mg/dL	Neonates: > 15
		1 day - 3 days		2.0	7.0	mg/dL	
		3 days - 1 week		2.0	6.0	mg/dL	
		1 week - 150 yrs		0.0	1.0	mg/dL	
BUN Post SerPI QN				5	20	mg/dL	
BUN Pre SerPI QN				5	20	mg/dL	
BUN SerPI QN				5	20	mg/dL	
C-Peptide				1.1	4.4	ng/mL	
C3 Complement Ser QN				65	180	mg/dL	
C4 Complement Ser QN				13	52	mg/dL	
CA 15-3 Ser QN				0.0	31.3	U/mL	
CA 19-9 Fld QN				Undefined		U/mL	
CA 19-9 Ser QN				0	37	U/mL	
CA125 Fld QN				Undefined		U/mL	
CA125 Ser QN				0	35	U/mL	
CEA Fld QN				Undefined		ng/mL	
CEA SerPI QN				0	2.5	ng/mL	
CK SerPI QN	Male			30	223	U/L	
	Female			20	160	U/L	
CKMB Mass PI QN							
CK SerPI QN	Male			30	223	U/L	
	Female			20	160	U/L	
CKMB Mass PI QN				0	5.9	ng/mL	
Relative Index				0	5	%	
CO2 SerPI QN				22	29	mmol/L	< 10 or > 40
CO2 Ur Ran QN				Undefined		mmol/L	
CO2 Fld QN				Undefined			
CRP SerPI QN				<1.0		mg/dL	
CRP High Sensitivity				0	2.99	mg/L	
Caffeine SerPI QN				5.0	20.0	mcg/mL	> 50
Calcium Ionized QN		0 - 6 months		0.95	1.50	mmol/L	< 0.90 or > 1.50
		6 months - 150 yrs		1.12	1.33	mmol/L	< 0.90 or > 1.50
pH				7.35	7.45		< 7.20 >7.60
Calcium Total SerPI QN				8.5	10.5	mg/dL	< 6.0 or > 13.0
Calcium Ur Ran QN				Undefined		mg/dL	
Calcium Ur Tm QN				100	300	mg/24hr	
Carbamazepine SerPI QN				4.0	12.0	mcg/mL	> 15.0
Carboxyhemoglobin			Non-smokers	0.0	2.0	%	
			Smokers	1.5	5.0	%	
Cardiolipin IgG Ser QN			Negative	< 10.0		GPL-U/mL	
			Equivocal	10.0	40.0	GPL-U/mL	
			Positive	> 40.0		GPL-U/mL	
Cardiolipin IgM Ser QN			Negative	< 10.0		MPL-U/mL	

			Equivocal	10.0	40.0	MPL-U/mL	
			Positive	> 40.0		MPL-U/mL	
Catecholamines Frac Ur QN							
Norepinephrine Ur QN		0 - 2 yrs		0	420	mcg/gm Cr	
		2 - 5 yrs		0	120	mcg/gm Cr	
		5 - 10 yrs		0	89	mcg/gm Cr	
		10 - 20 yrs		0	82	mcg/gm Cr	
		20 - 150 yrs		0	75	mcg/gm Cr	
Epinephrine Ur QN		0 - 2 yrs		0	75	mcg/gm Cr	
		2 - 5 yrs		0	57	mcg/gm Cr	
		5 - 10 yrs		0	35	mcg/gm Cr	
		10 - 20 yrs		0	34	mcg/gm Cr	
		20 - 150 yrs		0	14	mcg/gm Cr	
Dopamine Ur QN		0 - 2 yrs		0	3000	mcg/gm Cr	
		2 - 5 yrs		0	1533	mcg/gm Cr	
		5 - 10 yrs		0	1048	mcg/gm Cr	
		10 - 20 yrs		0	545	mcg/gm Cr	
		20 - 150 yrs		0	535	mcg/gm Cr	
Ceruloplasmin Ser QN				14.0	57.0	mg/dL	
Chloride Fld QN				Undefined		mmol/L	
Chloride Bid QN				98	108	mmol/L	
Chloride SerPI QN				98	108	mmol/L	
Chloride Ur Ran QN				Undefined		mmol/L	
Chloride Ur Tm QN				110	250	mmol/24hr	
Cholesterol Fld QN				Undefined		mg/dL	
Cholesterol SerPI QN				0	200	mg/dL	
Coox Panel							
Carboxyhemoglobin			Non-smokers	0.0	2.0	%	
			Smokers	1.5	5.0	%	
Hemoglobin			Male	14.0	18.0	gm/dL	< 6.0
			Female	12.0	15.0	gm/dL	< 6.0
O2 Sat measured						%	
Methemoglobin				0.0	1.2	%	
Cortisol Ser QN			AM	8	25	mcg/dL	
			PM	4	20	mcg/dL	
Creatinine Fld QN				Undefined		mg/dL	
Creatinine SerPI QN	Male	0 - 1 yr		0.20	0.60	mg/dL	
		1 - 5 yrs		0.20	0.70	mg/dL	
		5 - 6 yrs		0.30	0.80	mg/dL	
		6 - 9 yrs		0.30	0.90	mg/dL	
		9 - 10 yrs		0.20	1.10	mg/dL	
		10 - 12 yrs		0.30	0.90	mg/dL	
		12 - 13 yrs		0.30	1.10	mg/dL	
		13 - 14 yrs		0.20	1.20	mg/dL	
		14 - 16 yrs		0.30	1.20	mg/dL	
		16 - 18 yrs		0.40	1.20	mg/dL	
		18 - 150 yrs		0.80	1.40	mg/dL	
	Female	0 - 1 yr		0.30	0.50	mg/dL	

		1 - 3 yrs		0.30	0.60	mg/dL	
		3 - 5 yrs		0.20	0.70	mg/dL	
		5 - 6 yrs		0.30	0.70	mg/dL	
		6 - 10 yrs		0.30	0.80	mg/dL	
		10 - 13 yrs		0.30	0.90	mg/dL	
		13 - 14 yrs		0.40	0.90	mg/dL	
		14 - 15 yrs		0.20	1.10	mg/dL	
		15 - 16 yrs		0.40	1.00	mg/dL	
		16 - 18 yrs		0.30	1.10	mg/dL	
		18 - 150 yrs		0.60	1.20	mg/dL	
Creatinine Clearance	Female			72	110	mL/min	
	Male			91	140	mL/min	
Creatinine Ur Ran QN				40	100	mg/dL	
Creatinine Ur Tm QN	Male			800	2000	mg/24hr	
	Female			600	1800	mg/24hr	
Cryoglobulin				Negative			
Cyclosporine Bld QN			Trough	150	350	ng/mL	
DHEA Sulfate Ser QN	Male	0 - 12 yrs		10	60	mcg/dL	
		12 - 150 yrs		80	560	mcg/dL	
	Female	0 - 12 yrs		10	60	mcg/dL	
		12 - 150 yrs		35	430	mcg/dL	
Digoxin SerPI QN				0.5	2.0	ng/mL	> 2.5
Electrolytes Fld QN							
Chloride Fld QN				Undefined		mmol/L	
Sodium Fld QN				Undefined		mmol/L	
Potassium Fld QN				Undefined		mmol/L	
Electrolytes SerPI QN							
Anion Gap				Undefined		mmol/L	
Sodium SerPI QN				135	145	mmol/L	
Potassium SerPI QN				3.5	5.5	mmol/L	
Chloride SerPI QN				98	108	mmol/L	
CO2 SerPI QN				22	29	mmol/L	
Electrolytes Ur Ran QN							
Chloride Ur Ran QN				Undefined		mmol/L	
Sodium Ur Ran QN				Undefined		mmol/L	
Potassium Ur Ran QN				Undefined		mmol/L	
Electrolytes Ur Tm QN							
Chloride Ur Tm QN				110	250	mmol/24hr	
Potassium Ur Tm QN				40	65	mmol/24hr	
Sodium Ur Tm QN				130	250	mmol/24hr	
Erythropoietin Ser QN				2.6	18.5	mIU/mL	
Estradiol Sensitive Ser QN	Male			0	32	pg/mL	
	Female		Early Follicular	22	115	pg/mL	
			Mid Follicular	25	115	pg/mL	
			Ovulatory Peak	32	517	pg/mL	
			Mid Luteal	37	246	pg/mL	
			PostMenpausal	0	25	pg/mL	
Estriol Unconjug Ser QN				Undefined		ng/mL	

Ethanol PI QN					< 10	mg/dL	> 300
Ethylene Glycol SerPI QN					< 10	mg/dL	> 10
FSH SerPI QN	Male			1.0	12.0	mU/mL	
	Female		Follicular:	2.5	10.2	mU/mL	
			Midcycle:	4.5	22.5	mU/mL	
			Luteal:	1.5	9.1	mU/mL	
			Menopausal:	23.0	116.0	mU/mL	
Ferritin SerPI QN	Male	0 - 12 yrs		10.0	106.0	ng/mL	
	Male	12 -150 yrs		15.0	400.0	ng/mL	
	Female	0 - 150 yrs		10.0	106.0	ng/mL	
Folate RBC QN				> 366		ng/mL RBC	
Folate SerPI QN				> 5.9		ng/mL	
Deficient folate concentrations are considered to be < 4 ng/mL according to the WHO Technical Consultation							
Free Light Chains Serum							
Free Kappa				3.30	19.40	mg/dL	
Free Lambda				5.71	26.30	mg/dL	
Kappa/Lambda Ratio				0.26	1.65		
Free Light Chains Urine							
Free Kappa				0.39	15.10	mg/L	
Free Lambda				0.81	10.10	mg/L	
Kappa/Lambda Ratio				0.46	4.00		
G6PD Bld QN				7.0	20.4	U/g Hgb	
GGT SerPI QN	Male			9	73	U/L	
	Female			9	43	U/L	
Gastrin Ser QN				0	100	pg/mL	
Gentamicin Post SerPI QN		0 - 30 days		4.0	10.0	mcg/mL	> 15.0
		1 mo - 150 yrs		10.0	25.0	mcg/mL	> 30.0
Gentamicin Pre SerPI QN		0 - 30 days		0.0	1.5	mcg/mL	> 4.0
		1 mo - 150 yrs		0.0	1.0	mcg/mL	> 4.0
Gentamicin Ran SerPI QN		0 - 30 days		1.0	10.0	mcg/mL	> 15.0
		1 mo - 150 yrs		0.0	10.0	mcg/mL	> 30.0
Gentamicin Fld QN				Undefined		mcg/mL	
Gliadin (deamidated) IgA			Negative		< 7.0	U/mL	
			Equivocal		7.0 - 10.0	U/mL	
			Positive		> 10.0	U/mL	
Gliadin (deamidated) IgG			Negative		< 7.0	U/mL	
			Equivocal		7.0 - 10.0	U/mL	
			Positive		> 10.0	U/mL	
Glucose 2 HR PP SerPI QN				70	140	mg/dL	< 50 or > 500
Glucose CSF QN				40	70	mg/dL	
Glucose Fasting SerPI QN		0 - 30 days		40	95	mg/dL	< 30 or > 300
		30 days - 150 yrs		70	99	mg/dL	< 50 or > 500
Glucose Fld QN				Undefined		mg/dL	
Glucose SerPI QN		0 - 30 days		See fasting		mg/dL	< 30 or > 300
		30 days - 150 yrs		See fasting		mg/dL	< 50 or > 500
Glucose Ur Ran QN				Undefined		mg/dL	
Glucose Ur Tm QN				0	500	mg/24hr	
Growth Hormone	Male			0	1.0	ng/mL	

* Pediatrics: See Interp	Female			0	3.6	ng/mL	
HDL SerPI QN					≥ 40	mg/dL	
Haptoglobin Ser QN				30	200	mg/dL	
Hemoglobin	Male			14.0	18.0	g/dL	
	Female			12.0	15.0	g/dL	
HgbA1c (Glycated Hemoglobin)			Normal	4.0	5.6	%	
			Prediabetic	5.7	6.4	%	
			Diabetic	≥ 6.5		%	
Hemoglobin A2 Bld QN				1.4	3.0	%	
Hemoglobin Fetal QN		0 - 2 mo		65	90	%	
		2 - 4 mo		10	46	%	
		4 mo - 2 yrs		2	10	%	
		2 - 14 yrs		2	5	%	
		14 - 150 yrs		0	2	%	
Hemoglobin Free SerPI QN				0	10	mg/dL	
Hgb Electrophoresis BldQN							
Hemoglobin A %		0 - 2 days		6	33.5	%	
		2 - 4 mo		50	88.5	%	
		4 mo - 2 yrs		86	96.5	%	
		2 - 14 yrs		91	96.5	%	
		14 - 150 yrs		94	98.5	%	
Hemoglobin F %		0 - 2 mo		65	90	%	
		2 - 4 mo		10	46	%	
		4 mo - 2 yrs		2	10	%	
		2 - 14 yrs		2	5	%	
		14 - 150 yrs		0	2	%	
Hemoglobin S %				0	0	%	
Hemoglobin A2 %				1.5	4	%	
Hemoglobin C %				0	0	%	
Hemoglobin Other %				0	0	%	
Hepatitis B Surface Ab				< 8.5 mIU/mL (Negative)			
				≥ 8.5 < 11.5 mIU/mL (Indeterminate)			
				≥ 11.5 mIU/mL (Positive)			
HIV -1/-2 Ab/Ag				Undefined			
Homocysteine SerPI QN	Male	0 - 20 yrs		4.3	9.9	mcmol/L	
		20 - 150 yrs		5.9	15.3	mcmol/L	
	Female	0 - 20 yrs		3.3	7.2	mcmol/L	
		20 - 150 yrs		4.9	11.6	mcmol/L	
HVA Ur QN							
HVA Ur Tm QN		0 - 2 yrs		0	2.8	mg/24hr	
		2 - 5 yrs		0	4.7	mg/24hr	
		5 - 10 yrs		0	5.4	mg/24hr	
		10 - 20 yrs		0	7.2	mg/24hr	
		20 - 150 yrs		0	8.3	mg/24hr	
HVA Ratio		0 - 2 yrs		0	32.6	mcg/mg Cr	
		2 - 5 yrs		0	22	mcg/mg Cr	
		5 - 10 yrs		0	15.1	mcg/mg Cr	
		10 - 20 yrs		0	12.8	mcg/mg Cr	

		20 - 150 yrs		0	7.6	mcg/mg Cr	
IFE Ser QN							
IgA Ser QN		0 - 5 mo		5	64	mg/dL	
		5 - 9 mo		10	87	mg/dL	
		9 - 15 mo		17	94	mg/dL	
		15 mo - 2 yrs		22	178	mg/dL	
		2 - 4 yrs		24	192	mg/dL	
		4 - 7 yrs		26	232	mg/dL	
		7 - 10 yrs		33	258	mg/dL	
		10 - 13 yrs		45	285	mg/dL	
		13 - 16 yrs		47	317	mg/dL	
		16 - 18 yrs		55	377	mg/dL	
		18 -150 yrs		60	400	mg/dL	
IgG Ser QN		0 - 5 mo		141	930	mg/dL	
		5 - 9 mo		250	1190	mg/dL	
		9 mo - 1 yr		320	1250	mg/dL	
		1 - 4 yrs		400	1250	mg/dL	
		4 - 7 yrs		560	1307	mg/dL	
		7 - 10 yrs		598	1379	mg/dL	
		10 - 13 yrs		638	1453	mg/dL	
		13 - 16 yrs		680	1531	mg/dL	
		16 - 18 yrs		724	1611	mg/dL	
		18 - 150 yrs		700	1500	mg/dL	
IgM Ser QN		0 - 1 day		6	25	mg/dL	
		1 day - 5 mo		17	105	mg/dL	
		5 - 9 mo		24	167	mg/dL	
		9 mo - 2 yrs		35	242	mg/dL	
		2 - 4 yrs		41	242	mg/dL	
		4 - 18 yrs		56	242	mg/dL	
		18 - 150 yrs		60	300	mg/dL	
IgA Ser QN		0 - 5 mo		5	64	mg/dL	
		5 - 9 mo		10	87	mg/dL	
		9 - 15 mo		17	94	mg/dL	
		15 mo - 2 yrs		22	178	mg/dL	
		2 - 4 yrs		24	192	mg/dL	
		4 - 7 yrs		26	232	mg/dL	
		7 - 10 yrs		33	258	mg/dL	
		10 - 13 yrs		45	285	mg/dL	
		13 - 16 yrs		47	317	mg/dL	
		16 - 18 yrs		55	377	mg/dL	
		18 -150 yrs		60	400	mg/dL	
IgD Ser QN				0	15	mg/dL	
IgE SerPI QN		0 - 6 weeks		2	5	kU/L	
		6 weeks - 6 mo		2	16	kU/L	
		6 mo - 1 yr		2	30	kU/L	
		1 - 2 yrs		2	52	kU/L	
		2 - 3 yrs		2	72	kU/L	
		3 - 4 yrs		2	90	kU/L	

		4 - 5 yrs		2	108	kU/L	
		5 - 6 yrs		2	126	kU/L	
		6 - 7 yrs		2	141	kU/L	
		7 - 8 yrs		2	159	kU/L	
		8 - 9 yrs		2	174	kU/L	
		9 - 10 yrs		2	189	kU/L	
		10 - 150 yrs		2	114	kU/L	
IGF-1	Male	1 - 3 yrs		30	122	ng/mL	
		3 - 4 yrs		20	141	ng/mL	
		4 - 5 yrs		25	157	ng/mL	
		5 - 6 yrs		30	174	ng/mL	
		6 - 7 yrs		37	192	ng/mL	
		7 - 8 yrs		44	211	ng/mL	
		8 - 19 yrs	Refer to Tanner Stages				
		19 - 21 yrs		281	510	ng/mL	
		21 - 31 yrs		155	432	ng/mL	
		31 - 41 yrs		132	333	ng/mL	
		41 - 51 yrs		121	237	ng/mL	
		51 - 61 yrs		68	245	ng/mL	
		61 - 71 yrs		60	220	ng/mL	
		71 - 89 yrs		80	220	ng/mL	
	Female	1 - 3 yrs		56	144	ng/mL	
		3 - 4 yrs		26	162	ng/mL	
		4 - 5 yrs		32	179	ng/mL	
		5 - 6 yrs		39	198	ng/mL	
		6 - 7 yrs		55	238	ng/mL	
		7 - 8 yrs		55	268	ng/mL	
		8 - 19 yrs	Refer to Tanner Stages				
		19 - 21 yrs		217	475	ng/mL	
		21 - 31 yrs		87	368	ng/mL	
		31 - 41 yrs		106	368	ng/mL	
		41 - 51 yrs		118	298	ng/mL	
		51 - 61 yrs		53	287	ng/mL	
		61 - 71 yrs		75	263	ng/mL	
		71 - 89 yrs		81	204	ng/mL	
		Female Tanner Stages					
		I (8 - 12 yrs)		64	358	ng/mL	
		II (8 - 14 yrs)		89	566	ng/mL	
		III (9 - 15 yrs)		192	568	ng/mL	
		IV & V (11 - 18 yrs)		147	646	ng/mL	
		Male Tanner Stages					
		I (8 - 15 yrs)		52	391	ng/mL	
		II & III (8 - 16 yrs)		39	648	ng/mL	
		IV & V (11 - 18 yrs)		144	673	ng/mL	
IgG CSF QN				0.5	6.1	mg/dL	
IgG Ser QN		0 - 5 mo		141	930	mg/dL	
		5 - 9 mo		250	1190	mg/dL	
		9 mo - 1 yr		320	1250	mg/dL	

	1 - 4 yrs		400	1250	mg/dL	
	4 - 7 yrs		560	1307	mg/dL	
	7 - 10 yrs		598	1379	mg/dL	
	10 - 13 yrs		638	1453	mg/dL	
	13 - 16 yrs		680	1531	mg/dL	
	16 - 18 yrs		724	1611	mg/dL	
	18 - 150 yrs		700	1500	mg/dL	
IgG Subclasses Ser QN						
IgG Ser QN	0 - 5 mo		141	930	mg/dL	
	5 - 9 mo		250	1190	mg/dL	
	9 mo - 1 yr		320	1250	mg/dL	
	1 - 4 yrs		400	1250	mg/dL	
	4 - 7 yrs		560	1307	mg/dL	
	7 - 10 yrs		598	1379	mg/dL	
	10 - 13 yrs		638	1453	mg/dL	
	13 - 16 yrs		680	1531	mg/dL	
	16 - 18 yrs		724	1611	mg/dL	
	18 - 150 yrs		700	1500	mg/dL	
IgG Subclass 1 Ser QN	0 - 1 day		435	1084	mg/dL	
	1 - 8 days		381	937	mg/dL	
	8 - 15 days		327	790	mg/dL	
	15 days - 5 weeks		218	496	mg/dL	
	5 weeks - 3 mos		194	480	mg/dL	
	3 - 4 mo		167	447	mg/dL	
	4 - 6 mo		143	394	mg/dL	
	6 - 9 mo		190	388	mg/dL	
	9 mo - 3 yrs		286	680	mg/dL	
	3 - 5 yrs		381	884	mg/dL	
	5 - 7 yrs		292	816	mg/dL	
	7 - 9 yrs		422	802	mg/dL	
	9 - 11 yrs		456	938	mg/dL	
	11 - 13 yrs		456	952	mg/dL	
	13 - 15 yrs		347	993	mg/dL	
	15 - 150 yrs		422	1292	mg/dL	
IgG Subclass 2 Ser QN	0 - 1 day		143	453	mg/dL	
	1 - 8 days		117	382	mg/dL	
	8 - 15 days		92	310	mg/dL	
	15 days - 5 weeks		40	167	mg/dL	
	5 weeks - 3 mos		35	164	mg/dL	
	3 - 4 mo		28	157	mg/dL	
	4 - 6 mo		23	147	mg/dL	
	6 - 9 mo		37	60	mg/dL	
	9 mo - 3 yrs		30	327	mg/dL	
	3 - 5 yrs		70	443	mg/dL	
	5 - 7 yrs		83	513	mg/dL	
	7 - 9 yrs		113	480	mg/dL	
	9 - 11 yrs		163	513	mg/dL	
	11 - 13 yrs		147	493	mg/dL	

	13 - 15 yrs		140	440	mg/dL	
	15 - 150 yrs		117	747	mg/dL	
IgG Subclass 3 Ser QN	0 - 1day		27	146	mg/dL	
	1 - 8 days		21	115	mg/dL	
	8 - 15 days		16	85	mg/dL	
	15 days - 5 weeks		4	23	mg/dL	
	5 weeks - 3 mos		4	36	mg/dL	
	3 - 4 mo		4	52	mg/dL	
	4 - 6 mp		4	100	mg/dL	
	6 - 9 mo		12	62	mg/dL	
	9 mo - 3 yrs		13	82	mg/dL	
	3 - 5 yrs		17	90	mg/dL	
	5 - 7 yrs		8	111	mg/dL	
	7 - 9 yrs		15	133	mg/dL	
	9 - 11 yrs		26	113	mg/dL	
	11 - 13 yrs		12	179	mg/dL	
	13 - 15 yrs		23	117	mg/dL	
	15 - 150 yrs		41	129	mg/dL	
IgG Subclass 4 Ser QN	0 - 1 day		1	47	mg/dL	
	1 - 8 days		1	44	mg/dL	
	8 - 15 days		1	40	mg/dL	
	15 days - 5 weeks		1	33	mg/dL	
	5 weeks - 3 mo		1	30	mg/dL	
	3 - 4 mo		1	24	mg/dL	
	4 - 6 mo		1	14	mg/dL	
	6 - 9 mo		1	30	mg/dL	
	9 mo - 3 yrs		1	65	mg/dL	
	3 - 5 yrs		1	116	mg/dL	
	5 - 7 yrs		1	121	mg/dL	
	7 - 9 yrs		1	84	mg/dL	
	9 - 11 yrs		1	121	mg/dL	
	11 - 13 yrs		1	168	mg/dL	
	13 - 15 yrs		1	83	mg/dL	
	15 - 150 yrs		1	291	mg/dL	
IgM Ser QN	0 - 5 mo		14	142	mg/dL	
	5 - 9 mo		24	167	mg/dL	
	9 mo - 2 yrs		35	242	mg/dL	
	2 - 4 yrs		41	242	mg/dL	
	4 - 18 yrs		56	242	mg/dL	
	18 - 150 yrs		60	300	mg/dL	
Immunoglobulin Profile						
IgA Ser QN	0 - 5 mo		5	64	mg/dL	
	5 - 9 mo		10	87	mg/dL	
	9 - 15 mo		17	94	mg/dL	
	15 mo - 2 yrs		22	178	mg/dL	
	2 - 4 yrs		24	192	mg/dL	
	4 - 7 yrs		26	232	mg/dL	
	7 - 10 yrs		33	258	mg/dL	

		10 - 13 yrs		45	285	mg/dL	
		13 - 16 yrs		47	317	mg/dL	
		16 - 18 yrs		55	377	mg/dL	
		18 -150 yrs		60	400	mg/dL	
IgG Ser QN		0 - 5 mo		141	930	mg/dL	
		5 - 9 mo		250	1190	mg/dL	
		9 mo - 1 yr		320	1250	mg/dL	
		1 - 4 yrs		400	1250	mg/dL	
		4 - 7 yrs		560	1307	mg/dL	
		7 - 10 yrs		598	1379	mg/dL	
		10 - 13 yrs		638	1453	mg/dL	
		13 - 16 yrs		680	1531	mg/dL	
		16 - 18 yrs		724	1611	mg/dL	
		18 - 150 yrs		700	1500	mg/dL	
IgM Ser QN		0 - 5 mo		14	142	mg/dL	
		5 - 9 mo		24	167	mg/dL	
		9 mo - 2 yrs		35	242	mg/dL	
		2 - 4 yrs		41	242	mg/dL	
		4 - 18 yrs		56	242	mg/dL	
		18 - 150 yrs		60	300	mg/dL	
IgG Index							
IgG CSF QN				0.5	6.1	mg/dL	
IgG Index				0	0.68		
IgG Synthesis Rate				-9.9	3.3	mg/day	
Albumin CSF QN				13.9	24.6	mg/dL	
IgG Ser QN		0 - 5 mo		141	930	mg/dL	
		5 - 9 mo		250	1190	mg/dL	
		9 mo - 1 yr		320	1250	mg/dL	
		1 - 4 yrs		400	1250	mg/dL	
		4 - 7 yrs		560	1307	mg/dL	
		7 - 10 yrs		598	1379	mg/dL	
		10 - 13 yrs		638	1453	mg/dL	
		13 - 16 yrs		680	1531	mg/dL	
		16 - 18 yrs		724	1611	mg/dL	
		18 - 150 yrs		700	1500	mg/dL	
Alb Serum				3400	5000	mg/dL	
Insulin SerPI QN		0 - 30 days		5	40	mcU/mL	
		30 days - 150 yrs		4	30	mcU/mL	
Interleukin 6 QN				0.0	6.3	pg/mL	
Iron SerPI QN				50	212	mcg/dL	
Iron TIBC Profile							
Iron SerPI QN				50	212	mcg/dL	
UIBC SerPI QN				155	355	mcg/dL	
TIBC Ser QN				250	400	mcg/dL	
Saturation				15	55	%	
Isoelectric Focusing for Oligoclonal Bands				Negative			
Isopropanol SerPI QN					< 10	mg/dL	

LD CSF QN				67	161	U/L	
LD Fld QN				Undefined		U/L	
LD SerPI QN				140	271	U/L	
LDL Measured SerPI QN				0	100	mg/dL	
LH SerPI QN	Male			2.0	12.0	mU/mL	
	Female		Premenopausal	2.0	15.0	mU/mL	
			Follicular	1.0	18.0	mU/mL	
			Midcycle	19.2	103.0	mU/mL	
			Luteal	0.4	20.0	mU/mL	
			PostMenopausal	16.0	64.0	mU/mL	
Lactate CSF QN				0.0	2.7	mmol/L	
Lactate Bld Arterial QN				0.5	1.6	mmol/L	
Lactate Bld Venous QN				0.5	2.2	mmol/L	
Lactate PI Arterial QN				0.5	1.6	mmol/L	
Lactate PI Venous QN				0.5	2.2	mmol/L	
Lamotrigine SerP QN				3.0	14.0	mcg/mL	
Lead Bld QN		0 - 6 yrs		0	4	mcg/dL	
		6 - 150 yrs		0	9	mcg/dL	
Lead Ur Ran QN				0	80	mcg/L	
Lidocaine SerPI QN				1.5	5.0	mcg/mL	> 6.0
Lipase Fld QN				Undefined		U/L	
Lipase SerPI QN				7	59	U/L	
Lipid Panel SerPI QN							
Cholesterol SerPI QN				0	200	mg/dL	
HDL SerPI QN				> 40		mg/dL	
Triglyceride SerPI QN				0	150	mg/dL	
LDL Calc				0	100	mg/dL	
Total Chol/HDL Ratio				0	5		
Lithium SerPI QN				0.6	1.2	mmol/L	> 2.0
Magnesium SerPI QN				1.6	2.9	mg/dL	< 1.0 or > 4.0
Magnesium Ur Ran QN				3.6	6.1	mg/dL	
Magnesium Ur Tm QN				Undefined		mg/dL	
Methanol SerPI QN					< 10	mg/dL	
Methemoglobin				0.0	1.2	%	
Methotrexate SerPI QN					Dose 50 mg/kg = < 5.0 x 10 ⁻⁷ mol/L after 48 hrs	mmol/L	
Myoglobin SerPI QN		Male		17.4	105.7	ng/mL	
		Female		14.3	65.8	ng/mL	
NGAL Urine				< 50 ng/mL - Low risk of acute kidney injury (AKI);			
				but this result does not exclude the subsequent development of AKI; repeat if clinically indicated			
				50 - 149 ng/mL - Risk of AKI is equivocal; repeat measurement is indicated if clinically justified			
				150 - 300 ng/mL - Risk of AKI with high sensitivity/moderate specificity			
				> 300 ng/mL - Risk of AKI with high specificity			
NT-proBNP		0 - 75 yrs		0	125	pg/mL	

		75 - 150 yrs		0	450	pg/mL	
Osmolality Fld QN				Undefined		mOsmol/kg	
Osmolality SerPI QN				280	305	mOsmol/kg	< 250 or > 325
Osmolality Ur Ran QN				50	1200	mOsmol/kg	
Osmolality Ur Tm QN				Undefined		mOsmol/kg	
pH Fld QN				Undefined			
pH Gastric				1.50	3.50		
pH Stool				5.00	9.00		
pH Urine				4.50	8.00		
PRT/CRT Ratio UR							
Creatinine Ur QN				Undefined		mg/dL	
Protein Ur QN				Undefined		mg/dL	
Protein/Crt Ratio				Undefined			
PSA Ser QN				0.00	4.00	ng/mL	
PSA Free				Undefined			
PSA Percent Free				When the total PSA is between 4 to 10 ng/mL, the probability of cancer based on % Free PSA:			
					Percent Free PSA	Probability of Cancer	
					< 10	56	
					10 to 15	28	
					15 to 20	20	
					20 to 25	15	
					> 25	8	
PTH Intact Ser QN				10	65	pg/mL	
Pentobarbital SerPI QN			Therapeutic	1.0	5.0	mcg/mL	
			Coma	25.0	35.0	mcg/mL	> 40.0
Phenobarbital SerPI QN				15.0	40.0	mcg/mL	> 50.0
Phenytoin SerPI QN				10.0	20.0	mcg/mL	> 20.0
Phosphorus SerPI QN		0 - 1 mo		4.8	8.2	mg/dL	< 1.0 or > 9.0
		1 - 4 mo		4.8	8.1	mg/dL	
		4 mo - 1 yr		4.0	6.8	mg/dL	
		1 - 5 yr		3.6	6.5	mg/dL	
		5 - 10 yrs		3.4	5.5	mg/dL	
		10 - 20 yrs		2.6	5.2	mg/dL	
		20 - 150 yrs		2.5	4.9	mg/dL	
Phosphorus Ur Ran QN				20	60	mg/dL	
Phosphorus Ur Tm QN				Undefined		mg/dL	
Potassium Bld QN				3.5	5.5	mmol/L	< 3.0 or > 6.0
Potassium Fld QN				Undefined		mmol/L	
Potassium SerPI QN				3.5	5.5	mmol/L	< 3.0 or > 6.0
Potassium Ur Ran QN				Undefined		mmol/L	
Potassium Ur Tm QN				40	65	mmol/24hr	
Prealbumin Ser QN				10	40	mg/dL	
Procain/ Napa SerPI QN							
Procainamide SerPI QN				4.0	10.0	mcg/mL	> 10.0
NAPA SerPI QN						mcg/mL	
Proc/NAPA Sum				10.0	30.0	mcg/mL	> 40.0
Procalcitonin		Low risk of sepsis or septic shock		< 0.5		ng/mL	

		High risk of sepsis or septic shock	> 2.0		ng/mL	
Progesterone Ser QN	Male		0.0	1.0	ng/mL	
	Female	Follicular	0.2	0.8	ng/mL	
		Luteal	2.0	25.0	ng/mL	
		PostMenopausal	0.1	0.6	ng/mL	
		1st Trimester	4.7	50.7	ng/mL	
		2nd Trimester	20.0	82.0	ng/mL	
		3rd Trimester	65.0	229.0	ng/mL	
Prolactin SerPI QN	Male		2.0	15.0	ng/mL	
	Female		2.0	23.0	ng/mL	
Protein CSF QN			15	45	mg/dL	
Protein Eip Ser QN						
SPE Albumin		0 - 1 week	3.82	5.12	gm/dL	
		1 week - 4 mo	2.69	4.13	gm/dL	
		4 mo - 1 yr	3.06	4.02	gm/dL	
		1 - 4 yrs	3.08	4.66	gm/dL	
		4 - 14 yrs	3.46	4.66	gm/dL	
		14 - 150 yrs	3.5	5.0	gm/dL	
SPE Alpha-1		0 - 1 week	0.13	0.42	gm/dL	
		1 week - 4 mo	0.15	0.33	gm/dL	
		4 mo - 1 yr	0.16	0.36	gm/dL	
		1 - 4 yrs	0.15	0.39	gm/dL	
		4 - 14 yrs	0.16	0.32	gm/dL	
		14 - 150 yrs	0.2	0.4	gm/dL	
SPE Alpha-2		0 - 1 week	0.34	0.42	gm/dL	
		1 week - 4 mo	0.5	0.98	gm/dL	
		4 mo - 1 yr	0.63	1.03	gm/dL	
		1 - 4 yrs	0.6	1.16	gm/dL	
		4 - 14 yrs	0.52	0.9	gm/dL	
		14 - 150 yrs	0.5	0.9	gm/dL	
SPE Beta		0 - 1 week	0.27	0.49	gm/dL	
		1 week - 4 mo	0.39	0.79	gm/dL	
		4 mo - 1 yr	0.55	0.85	gm/dL	
		1 - 4 yrs	0.5	0.94	gm/dL	
		4 - 14 yrs	0.62	0.96	gm/dL	
		14 - 150 yrs	0.8	1.15	gm/dL	
SPE Gamma		0 - 1 week	0.59	1.1	gm/dL	
		1 week - 4 mo	0.42	0.9	gm/dL	
		4 mo - 1 yr	0.41	1.03	gm/dL	
		1 - 4 yrs	0.78	1.38	gm/dL	
		4 - 14 yrs	0.96	1.64	gm/dL	
		14 - 150 yrs	0.7	1.4	gm/dL	
SPE Total Protein SerPI QN		0 - 1 day	5.0	7.4	gm/dL	
		1 day - 1 week	5.2	6.8	gm/dL	
		1 week - 4 mo	4.6	6.7	gm/dL	
		4 mo - 1 yr	5.2	6.8	gm/dL	
		1 - 4 yrs	6.0	7.6	gm/dL	
		4 - 14 yrs	6.3	7.8	gm/dL	

		14 - 150 yrs		6.3	8.2	gm/dL	
Protein Elp Ur QN							
Protein ELP Ur QN				Undefined		mg/dL	
Globulin ELP Ur QN				Undefined		mg/dL	
Albumin ELP Ur QN				Undefined		mg/dL	
M Protein				0	0	mg/dL	
2nd M Protein				0	0	mg/dL	
Protein Fld QN				Undefined		gm/dL	
Protein Ur Ran QN				Undefined		mg/dL	
Protein Ur Tm QN				0	150	mg/24hr	
Quant HBS/C Bid QN							
Hemoglobin A %		0 - 2 days		6	33.5	%	
		2 - 4 mo		50	88.5	%	
		4 mo - 2 yrs		86	96.5	%	
		2 - 14 yrs		91	96.5	%	
		14 - 150 yrs		94	98.5	%	
Hemoglobin F %		0 - 2 mo		65	90	%	
		2 - 4 mo		10	46	%	
		4 mo - 2 yrs		2	10	%	
		2 - 14 yrs		2	5	%	
		14 - 150 yrs		0	2	%	
Hemoglobin S %				0	0	%	
Hemoglobin A2 %				1.5	4	%	
Hemoglobin C %				0	0	%	
Renin, Direct PI QN				2.5	45.7	pg/mL	
Rheumatoid Factor					< 20	IU/mL	
Rubella IgG Ser QN			Negative or Ab Not Detected		< 10	IU/mL	
			Equivocal	≥ 10	< 15	IU/mL	
			Positive or Ab Detected	≥ 15		IU/mL	
Salicylate SerPI QN				10	30	mg/dL	> 30
Sirolimus BI QN			Trough	5.0	15.0	ng/mL	
Sodium Bid QN				135	145	mmol/L	< 120 or > 160
Sodium Fld QN				Undefined		mmol/L	
Sodium SerPI QN				135	145	mmol/L	< 120 or > 160
Sodium Ur Ran QN				Undefined		mmol/L	
Sodium Ur Tm QN				130	250	mmol/24hr	
Sweat Chloride		0 - 150 yrs		0	29	mmol/L	
T3 Free SerPI QN				1.5	3.5	pg/mL	
T3 Total Ser QN				82	179	ng/dL	
T4 Free Direct SerPI QN				0.6	1.5	ng/dL	
T4 SerPI QN		0 - 2 weeks		7.7	19.7	mcg/dL	
		2 weeks - 3 mo		5.9	13.5	mcg/dL	
		3 - 9 mo		5.6	12.9	mcg/dL	
		9 mo - 150 yrs		5.0	12.0	mcg/dL	
T4 w TUptake SerPI QN							
T4 SerPI QN		0 - 2 weeks		7.7	19.7	mcg/dL	
		2 weeks - 3 mo		5.9	13.5	mcg/dL	
		3 - 9 mo		5.6	12.9	mcg/dL	

		9 mo - 150 yrs		5.0	12.0	mcg/dL	
T Uptake SerPI QN				32	48	%	
FTI				5.9	13.1		
TSH 3rd Gen SerPI QN				0.400	4.200	mcU/mL	
Tacrolimus (FK506)			Trough	4.0	12.0	ng/mL	
Testosterone Total Ser QN	Male	0 - 12 yrs		0	100	ng/dL	
	Male	12 - 150 yrs		300	1000	ng/dL	
	Female	0 - 12 yrs		0	100	ng/dL	
	Female	12 - 150 yrs		25	125	ng/dL	
Theophylline SerPI QN		0 - 30 days		5.0	12.0	mcg/mL	> 20.0
		30 days - 150 yrs		5.0	15.0	mcg/mL	> 20.0
Thyroglobulin Ser QN				1.3	31.8	ng/mL	
Thyroglobulin Antibody Ser QN				0.0	4.0	IU/mL	
Tobramycin Post SerPI QN		0 - 30 days		4.0	10.0	mcg/mL	> 15.0
		1 mo - 150 yrs		10.0	30.0	mcg/mL	> 30.0
Tobramycin Pre SerPI QN		0 - 30 days		0.0	1.5	mcg/mL	> 4.0
		1 mo - 150 yrs		0.0	1.0	mcg/mL	> 4.0
Tobramycin Ran SerPI QN		0 - 30 days		1.0	10.0	mcg/mL	> 15.0
		1 mo - 150 yrs		0.0	10.0	mcg/mL	> 30.0
Topiramate SerPI QN			Trough	2.0	4.0	mcg/mL	
			Peak	9.0	12.0	mcg/mL	
Total Complement (CH50) Ser QN				42	95	U/mL	
Total Protein SerPI QN		0 - 1 day		5.4	7.8	gm/dL	
		1 day - 1 week		5.6	7.2	gm/dL	
		1 week - 4 mo		5.0	7.1	gm/dL	
		4 mo - 1 yr		5.6	7.2	gm/dL	
		1 - 4 yrs		6.4	8.0	gm/dL	
		4 - 14 yrs		6.7	8.2	gm/dL	
		14 - 150 yrs		6.4	8.0	gm/dL	
TPOAb				0.0	9.0	IU/mL	
Transferrin Ser QN				200	400	mg/dL	
Triglyceride Fld QN				Undefined		mg/dL	
Triglyceride SerPI QN				0	150	mg/dL	
Troponin-I PI QN				0	0.03	ng/mL	
TRH Stimulation							
TSH Pre Dose				0.4	4.2	mU/mL	
TSH 20 minutes Post					At 20 minutes , TSH should be at least 5 times the baseline TSH value		
TSH 60 minutes Post					At 60 minutes, TSH should be less than the 20 minute result		
TTG IgA			Negative		< 7.0	U/mL	
			Equivocal		7.0 - 10.0	U/mL	
			Positive		> 10.0	U/mL	

TTG IgG			Negative		< 7.0	U/mL	
			Equivocal		7.0 - 10.0	U/mL	
			Positive		> 10.0	U/mL	
UUN Ur Ran QN				Undefined		mg/dL	
UUN Ur Tm QN				6	17	gm/24hr	
Urea Nitrogen Fld QN				Undefined		mg/dL	
Uric Acid Fld QN				Undefined		mg/dL	
Uric Acid SerPI QN	Male	0 - 2 yrs		2.0	7.0	mg/dL	
	Male	2 - 12 yrs		2.0	6.5	mg/dL	
	Male	12 - 14 yrs		2.0	7.0	mg/dL	
	Male	14 - 18 yrs		3.0	8.0	mg/dL	
	Male	18 - 150 yrs		3.5	8.0	mg/dL	
	Female	0 - 2 yrs		2.0	7.0	mg/dL	
	Female	2 - 12 yrs		2.0	6.5	mg/dL	
	Female	12 - 14 yrs		2.0	7.0	mg/dL	
	Female	14 - 18 yrs		2.0	7.0	mg/dL	
	Female	18 - 150 yrs		2.7	7.4	mg/dL	
Uric Acid Ur Ran QN				Undefined		mg/dL	
Uric Acid Ur Tm QN				250	750	mg/24hr	
Valproic Acid SerPI QN				50	100	mcg/mL	> 100
Vancomycin Fld QN				Undefined		mcg/mL	
Vancomycin Post SerPI QN				25.0	50.0	mcg/mL	> 80.0
Vancomycin Pre SerPI QN				8.0	20.0	mcg/mL	> 25.0
Vancomycin Ran SerPI QN				8.0	40.0	mcg/mL	> 80.0
Vitamin B12 SerPI QN				200	1000	pg/mL	
25 OH Vitamin Total (D2+D3)			Deficiency	< 10.0		ng/mL	
			Insufficiency	10.0	30.0	ng/mL	
			Sufficiency	30.0	100.0	ng/mL	
			Toxicity	> 100.0		ng/mL	
1, 25 Dihydroxyvitamin D				19.9	79.3	pg/mL	
VMA Ur QN							
VMA Ur Tm QN		0 - 2 yrs		0.0	2.3	mg/24hr	
		2 - 5 yrs		0.0	3.0	mg/24hr	
		5 - 10 yrs		0.0	3.5	mg/24hr	
		10 - 20 yrs		0.0	6.0	mg/24hr	
		20 - 150 yrs		0.0	6.8	mg/24hr	
VMA Ratio		0 - 2 yrs		0.0	18.8	mcg/mg Cr	
		2 - 5 yrs		0.0	11.0	mcg/mg Cr	
		5 - 10 yrs		0.0	8.3	mcg/mg Cr	
		10 - 20 yrs		0.0	8.2	mcg/mg Cr	
		20 - 150 yrs		0.0	6.0	mcg/mg Cr	
Volatile Scn SerPI QN							
Ethanol PI QN					< 10	mg/dL	
Isopropanol SerPI QN					< 10	mg/dL	
Methanol SerPI QN					< 10	mg/dL	
Acetone SerPI QN					< 10	mg/dL	
DRUG SCREENS							

Drugs of Abuse Scn QL			Cutoff Concentrations					
Amph/Methamph Scn Ur QL			1000 ng/mL					
Barbiturates Scn Ur QL			200 ng/mL					
Benzodiazepines Scn Ur QL			200 ng/mL					
Buprenorphine Scn Ur QL			5 ng/mL					
Cannabinoids Scn Ur QL			50 ng/mL					
Cocaine Scn Ur QL			300 ng/mL					
Opiates Scn Ur QL			300 ng/mL					
Oxycodone Scn Ur QL			100 ng/mL					
PCP Scn Ur QL			25 ng/mL					
Methadone Scn Ur QL			300 ng/mL					
Propoxyphene Scn Ur QL			300 ng/mL					
Drug Screen Comment		This test is a drug screen. Any positive result is a presumptive positive result and						
		should be followed by definitive confirmatory testing if clinically indicated.						
		Results of this drug screen are to be used for medical purposes only. These results						
		cannot be used for any non-medical purpose such as legal or employment testing.						
		If confirmation of positive screen results is desired, please notify laboratory within						
		7 days						