

Lab						
		Conventional Units		SI Units*		
Hematology	RBC	(M)	4.6 - 6.2 million/mm <sup>3</sup>	4.6 - 6.2 x 10 <sup>12</sup> /L		
		(F)	4.2 - 5.4 million/mm <sup>3</sup>	4.2 - 5.4 x 10 <sup>12</sup> /L		
	MCH		26 - 34 pg/cell	26 - 34 pg/cell		
	MCHC		32 - 36 g/dL	320 - 360 g/L		
	MCV		80 - 96 μm <sup>3</sup>	80 - 96 fL		
	Hgb	(M)	13 - 18 g/dL	8.1 - 11.2 mmol/L		
		(F)	12 - 16 g/dL	7.4 - 9.9 mmol/L		
	Hct	(M)	40 - 54 mL/dL	0.40 - 0.54		
		(F)	37 - 47 mL/dL	0.37 - 0.47		
	Methemoglobin		30 - 130 mg/dL	19 - 80 μmol/L		
	Sedimentation rate		0 - 15 mm/hr			
	WBC		4.5 - 11 thousand/mm <sup>3</sup>	4.5 - 11 x 10 <sup>9</sup> /L		
	Neutrophils		52 - 62 %	3000 - 5800 x 10 <sup>6</sup> /L		
	Bands		3 - 5 %	150 - 400 x 10 <sup>6</sup> /L		
	Eosinophils		1 - 3 %	50 - 250 x 10 <sup>6</sup> /L		
	Basophils		0 - 1 %	15 - 50 x 10 <sup>6</sup> /L		
	Lymphocytes		25 - 33 %	1500 - 3000 x 10 <sup>6</sup> /L		
	Monocytes		3 - 7 %	300 - 500 x 10 <sup>6</sup> /L		
	Platelets		150 - 350 thousand/mm <sup>3</sup>	150 - 350 x 10 <sup>6</sup> /L		
	PT		12 - 14 seconds	12 - 14 seconds		
	aPTT		20 - 35 seconds	20 - 35 seconds		
	FSP (FDP)		< 10 μg/mL	< 10 mg/L		
	d-dimer		150 - 400 ng/mL			
	INR		< 2			
	Fibrinogen		200 - 400 mg/dL	2.0 - 4.0 g/L		
	Bleeding time		2 - 8 minutes	2 - 8 minutes		
ACT		90 - 150 seconds				
Drug Levels			<u>Therapeutic</u>	<u>Toxic</u>		
	Acetaminophen		10 - 20	> 250 μg/mL		
	Amiodarone		1.0 - 2.0	> 2.0 μg/mL		
	Digitoxin		15 - 25	> 35 ng/mL		
	Digoxin		1 - 2	> 2.4 ng/mL		
	Diltiazem		0.05 - 0.2	μg/mL		
	Disopyramide		2 - 5	> 7 μg/mL		
	Dobutamine		40 - 190	ng/mL		
	Lidocaine		1.5 - 5	> 7 μg/mL		
	Lithium		0.6 - 1.2	> 2.0 mmol/L		
	Milrinone		150 - 250	ng/mL		
	Nicardipine		0.028 - 0.050	μg/mL		
	Nitroprusside		< 10	> 10 mg/dL		
	Phenobarbital		15 - 40	> 45 μg/mL		
	Phenytoin		10 - 20	> 20 μg/mL		
	Procainamide		4 - 10	> 15 μg/mL		
	Propranolol		50 - 100	ng/mL		
	Quinidine		2.5 - 5	> 5 μg/mL		
	Salicylate		100 - 250	> 300 μg/dL (> 60 fatal)		
	Tegretol		8 - 12	> 15 μg/mL		
	Theophylline		10 - 20	> 20 μg/mL		
				<u>Therapeutic</u>	<u>Toxic Peak</u>	<u>Toxic Trough</u>
	Amikacin		25 - 30	> 35	> 10	μg/mL
	Gentamycin		5 - 10	> 10	> 2	μg/mL
	Tobramycin		5 - 10	> 10	> 2	μg/mL
	Vancomycin		5 - 10	> 40	> 10	μg/mL
		<u>mg/dL</u>	<u>%</u>	<u>mmol/L</u>		
Ethanol	Intoxicated	> 100	> 0.1 %	> 22		
	Very Intox.	300 - 400	0.3 - 0.4	65 - 87		
	Stupor	400 - 500	0.4 - 0.5	87 - 109		
	Coma	> 500	> 0.5	> 109		