Laboratory Helpful Sheet" Pagana- Pagana Normals" made by C.Thomas 7/17

Complete Blood Count with Differential (CBC)	**Complete & Basic Metabolic Panel (BMP/CMP)**
WBC- 3.6-10.8 L/uL- # of white cells per cc/bld	Sodium – 136-145mEq/L
RBC- 3.89-5.40 M/uL- # of red cells per cc/bld	Potassium – 3.5-5.0 mmol/L
HGB- Male 14-18 g/dL – Female 12-16 g/dL- 02 carrying protein	Calcium- 7.6-10.4 mg/dL
HCT- Male 42-52 %- Female 37-47% -packed volume of RBC's of total volume	Glucose- 70-110mg/dL critical - <50 or >400 mg/dL
MCV- 80-95 fL- cell size	BUN- 10-20mg/dL
MCH- 27-34 pg- amount of hgb per cell	Creatinine- 0.5-1.1 mg/dL
MCHC- 32-36 g/dL- Hgb/Hct per 100ml/RBC's	Albumin- 3.5-5 mg/dL
RDW- 11-14.5 %- red cell distribution width, should be nml	AST- 0-35 units/L
Plt – 150-400 K/uL-# of plt. Per cc/bld	ALk Phos- 30-12 units/L
MPV- 7.4-10.4 fL	ALT- 4-36 units/L
Neutrophils #- 55-70%- bacterial	Bili total – 0.3-1.0 mg/dL
Lymphocytes#- 20-40%- viral	Chloride- 98-106 mmol/L
Monocytes#- 2-8%- fungal	Total protein- 6.4-8.3 g/dL
Eosinophils #1-4 %- allergic reaction, autoimmune disorders	Magnesium 1.3-2.1 mEq/L
Basophils 0.5-1.0%- cancer	Albumin- 3.5-5 g/d/L
Urinalysis (UA)	**Clotting Factors**
Appearance- clear	Protime- (PT)- 11.0-12.5 seconds
Color- amber yellow	Partial thromboplastin time (PTT)- 60-70 seconds
Odor- aromatic	International Normalized ratio- (INR) 0.8-1.1
pH- 4.6-8.0 average is 6.0	Heparin anti-Xa Assay-0.35-.7 U/ml
Protein- 0-80mg/dL	**Arterial Blood Gas (ABG)**
Specific gravity- 1.005-1.030	pH -7.35-7.45
Leukocyte esterase- negative	PCO2-35-45 mm Hg
Nitrites- none	HCO3- 21-28 mEq/L
Ketones- none	pO2 – 80-100 mm Hg
Bilirubin-none	O2 Sat-95-100%
Urobilinogen- 0.01-1 Ehrlich unit/mL	
Crystals- none	**Hepatic Functions**
Cast- none	Albumin 3.5-5.0 mg/dL
Glucose- none	AST 0-35 U/L
WBC- 0-4 per low-power field	Alk Phos- 30-120 U/L
Red blood cells- <2	ALT- 4-36 U/L
Bacteria- negative	Bili total- 0.3-1.0 mg/dL
Pancreas	Direct Bili – 0.1-0.3 mg/dL
Amylase 60-100 u/dL	Ammonia- 10-80 mcg/dL
Lipase 0-160 u/dL	**Kidney Function**
Heart failure	BUN- 10-20 mg/dL
B-type natriuretic peptide (BNP) <100u/L	Creatinine- 0.5-1.1 mg/dL