



Adult Normal Ranges

Chemistry Profile			CBC w/Differential/Platelets			Urinalysis		
Glucose	65-99	mg/dL	WBC	4.0-11.0	thous/mm ³	Color	Normal	
Sodium	135-145	mmol/L	RBC- Males	4.30-6.00	mil/mm ³	Clarity	Clear	
Potassium	3.5-5.2	mmol/L	RBC- Females	3.70-5.40	mil/mm ³	Specific Gravity	1.005-1.030	
Chloride	96-110	mmol/L	Hemoglobin- Males	13.0-18.0	g/dL	pH	5.0-8.0	
Carbon Dioxide	19-31	mmol/L	Hemoglobin- Females	11.5-16.0	g/dL	Leukocyte Esterase	Negative	
Anion Gap	4-18		Hematocrit- Males	40.0-53.0	%	Protein	Negative	mg/dL
BUN	8-25	mg/dL	Hematocrit- Females	35.0-48.0	%	Glucose	Negative	
Creatinine- Males	0.6-1.5	mg/dL	MCV	78-100	fL	Ketone	Negative	
Creatinine- Females	0.6-1.4	mg/dL	MCH	27.0-34.0	Pg	Bile	Negative	
BUN/Creat. Ratio	10-28	mg/dL	MCHC	31.0-37.0	g/dL	Blood	Negative	mg/dL
Uric Acid- Males	3.5-8.0	mg/dL	RDW	12.1-18.2	%	Nitrate	Negative	
Uric Acid- Females (13-60 y)	2.2-6.5	mg/dL	Platelet Count	130-450	thous/mm ³	WBC	0-5	/hpf
Calcium- Males (13-49y)	8.7-10.5	mg/dL	*MPV	7.5-14.0	fL	RBC	0-2	/hpf
Calcium- Females (13-49y)	8.7-10.4	mg/dL	Reticulocyte	0.5-1.5	%	Bacteria	Negative	
Inorg. Phos.	2.5-4.5	mg/dL	Neutrophils	40-85	%	Urobilinogen	Normal	EU/dL
Alk. Phos.- Males	39-160	IU/L	Neutrophils Absolute	1.6-9.3	k/uL			
Alk. Phos-(<51y) Female	39-145	IU/L	Lymphocytes	10-45	%			
Alk. Phos-(≥51y) Female	39-170	IU/L	Lymphocytes Absolute	0.6-5.5	k/uL			
GGT- Males	5-80	IU/L	Monocytes	3-15	%	Coagulation		
GGT- Females	5-60	IU/L	Monocytes Absolute	0.1-1.6	k/uL	Prothrombin Time	9.0-11.5	Seconds
Total Bilirubin	0.2-1.3	mg/dL	Eosinophils	0-7	%	INR	0.9-1.1	
Bilirubin, Direct	0.0-0.3	mg/dL	Eosinophils Absolute	0.0-0.7	k/uL	*APTT	22.0-34.0	Seconds
AST- Males	10-50	IU/L	Basophils	0-2	%			
AST- Females	10-41	IU/L	Basophils Absolute	0.0-0.2	k/uL	Misc		
ALT- Males	2-60	IU/L				Amylase, Serum	26-129	IU/L
ALT- Females	2-46	IU/L				CEA	<3.5	ng/mL
LDH	112-245	IU/L				Sedimentation Rate (Westergren)		
Total Protein	6.0-8.0	g/dL				Males		
Albumin	3.3-4.9	g/dL				1-9 yrs	0-10	mm/Hr
*Globulin	2.0-3.7	g/dL				10-49 yrs	0-15	mm/Hr
A/G Ratio	1.0-2.0	g/dL				50+ yrs	0-20	mm/Hr
Iron- Males	40-190	mcg/dL				Females		
Iron- Females	35-175	mcg/dL				1-9 yrs	0-10	mm/Hr
Total Cholesterol	<200	mg/dL				10-49 yrs	0-20	mm/Hr
Triglycerides	<150	mg/dL				50+ yrs	0-30	mm/Hr

Note: Unless otherwise noted, these ranges are default adult male ranges which are used when patient age or gender is not indicated

**Indicates changes or additions from prior printing.*

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