



Rhode Island Hospital

BROWNHealth
UNIVERSITY

Department of Pathology

Ambulatory Patient Care 12th fl. Suite 105
593 Eddy Street
Providence, RI 02903

Phone 401.444.5152

Brown University Health Laboratories
CLINICAL PATHOLOGY ADULT NORMAL RANGES**Hematology Routine**

Effective (8/1/23)

White Blood Cells (WBC)	4.2 – 10 x 10 ⁹ /L	
Red Blood Cells (RBC)	Female: 3.8 – 5.1 x 10 ¹² /L	Male: 4.5 - 5.6 x 10 ¹² /L
Hemoglobin (HGB)	Female: 11.2 – 14.9 g/dL	Male: 13.4 - 16 g/dL
Hematocrit (HCT)	Female: 36 – 48%	Male: 41.2 – 50.6%
MCV	85.2 – 100.2 fL	
MCH	27– 32.4 pg	
MCHC	29.5 – 34.2 g/dL	
Platelets (PLT)	167.9 – 382 x 10 ⁹ /L	
RDW-CV	11.8 - 14.4%	
MPV	9.6 - 12.5 fL	
Absolute Neutrophil Count (NEUT)	1.9 - 6.7 x 10 ⁹ /L	
Absolute Lymphocyte Count (LYMPH)	1 – 3.3 x 10 ⁹ /L	
Absolute Monocyte Count (MONO)	0.3 - 0.9 x 10 ⁹ /L	
Absolute Eosinophil Count (EO)	0.02 - 0.4 x 10 ⁹ /L	
Absolute Basophil Count (BASO)	0.00 - 0.1 x 10 ⁹ /L	
Immature Granulocytes (IG)	0.00 - 0.1 x 10 ⁹ /L	

Coagulation Routine (RI labs only)

PT	10.0 - 13.0 SEC
INR	0.8 - 1.2
APTT	24 - 37 SEC
Fibrinogen	150-480 mg/dL

Urinalysis

Specific Gravity	1.010 - 1.030
pH	5.0 - 8.0
Leukocyte Esterase	Negative
Nitrite	Negative
Protein	Negative
Glucose	Negative
Ketones	Negative
Urobilinogen	Negative
Bilirubin	Negative
Blood	Negative

9/16/2025

Chemistry Routine

Procedure	Range
Glucose	67 - 99 mg/dL
BUN	6 - 24 mg/dL
Creatinine	F 0.44 - 1.03 mg/dL
	M 0.64 - 1.27 mg/dL
Sodium	135 - 145 mEq/L
Potassium	3.6 - 5.1 mEq/L
Chloride	98 - 110 mEq/L
CO2	20 - 29 mEq/L
Anion Gap	3 - 13 mEq/L
Albumin	3.4 - 5.1 g/dL
Alkaline Phos.	39 - 117 IU/L
ALT	7 - 49 IU/L
Ammonia	1 - 39 Umol/L
Amylase	38 - 136 U/L
AST	12 - 52 IU/L
Bilirubin Direct	0.0 - 0.4 mg/dL
Bilirubin Total	0.1 - 1.2 mg/dL
Calcium	8.4 - 10.2 mg/dL
CK	M : 22 - 247 IU/L
	F : 22 - 194 IU/L
CSF Glucose	42 - 91 mg/dL
CSF Protein	13 - 43 mg/dL
GGTP	10 - 28 IU/L
Iron	M : 49 - 181 ug/dL
	F : 37 - 170 ug/dL
Lactic Acid	0.2-1.9 mEq/L
LDH	119 - 265 IU/L
Lipase	13 - 55 U/L
Lithium	0.5 - 1.2 mEq/L
Magnesium	1.6 - 2.3 mg/dL
Phosphorus	2.4 - 4.8 mg/dL
TIBC	250 - 450 ug/dL
Total Protein	6.1 - 8.3 g/dL
Uric Acid	M : 3.7 - 8.9 mg/dL
	F : 2.7 - 6.3 mg/dL
Total T4	4.5 - 10.9 ug/dL
Total T3	66 - 165 ng/dL
TSH 3rd Gen	0.330 - 4.120 uIU/mL