

Forensic Science

Laboratory

IIT Bombay, Powai
Mumbai, Maharashtra

Name:- Mayank Rathi

Date:- 14/08/2018

Doctor:-Dr. Omja Thakur

Age:- 55

Sex:- M

Blood Report

Metabolic Parameters	Test Value	Normal Range
Serum Glucose	100 mg%	80-120 mg%
Serum Cholesterol	170 mg%	150-200 mg%
Serum Vitamin D	33 ng/mL	20-50 ng/mL
Serum Potassium	5.0 mg%	4.5-5.5 mg%
Serum Sodium	134 mg%	120-140 mg%
Serum Urea	8mg%	7-20mg%
Histamine	2.7 ng/ml	Less than 1 ng/ml
Immunoglobulin E (IgE)	450 UI/ml	150-300 UI/ml

*Values subject to patient's physical activity levels, age and ongoing medications.

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Gases-Arterial Blood	Test Values	Normal Range
pH	7.39	7.35-7.45
pCO ₂	40	33-45mm Hg
pO ₂	89	75-105 mm Hg

Immunoglobulins	Test Values; mg/dL	Normal Range; mg/dL
IgA	88	76-390
IgG	3000	650-1500
IgM	120	40-345

*IgG against short proteinases of 50kDa found- indicates long term immunity against these proteinases

Hematological Parameters	Test Parameters	Normal Parameters
Bleeding time	2-7 mins	2-7 mins
Erythrocyte count	5 million/mm ³	4.5-6 million/mm ³
Hematocrit	47%	43-55%
Hemoglobin	13.5 g%	11-15 g%
Osmolality, serum	282 mOsmol/kg H ₂ O	275-295 mOsmol/kg H ₂ O

Reference ranges from NBME:

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<https://www.nbme.org/pdf/SubjectExams/LabReferenceValues.pdf>