

[BIOCHEM REFERENCE
RANGES](#)**Results from 01-Jan-2005**[BIOCHEM ANALYTICAL
METHODS](#)Tests OrderedHosp.No: **AF46466** Name: **MAHUMMAD ABDULLAH**Age: **5** Gender: **Male**

Date/Time	Service	Result	Unit	ResultMsg	Normal Range
12/08/2024 17:06	FERRITIN	3006-R	ng/ml		M 22-322; F 10-291
Reported On:13/08/2024 11:32; Specimen Type: Serum ; Analytical Method: CLIA					
12/08/2024 17:06	TSH	1.514	µIU/ml		0.3-4.5
Reported On:12/08/2024 17:43; Specimen Type: Serum ; Analytical Method: CLIA					
12/08/2024 15:01	GLUCOSE RAN PL	91	mg/dL		<=200
Reported On:12/08/2024 15:46; Specimen Type: Plasma ; Analytical Method: Hexokinase					
12/08/2024 14:56	BLOOD BORNE VIRUS SCREEN			Validated	
Specimen Collected on: 12/08/2024 13:59					
Reported On:13/08/2024 09:18; Specimen Type: Serum ; Analytical Method: CMIA					
	HIV	NEGATIVE			
Reported On:13/08/2024 09:18; Specimen Type: Serum ; Analytical Method: CMIA					
	HbsAg	NEGATIVE			
Reported On:13/08/2024 09:18; Specimen Type: Serum ; Analytical Method: CMIA					
	HCV	NEGATIVE			
Reported On:13/08/2024 09:18; Specimen Type: Serum ; Analytical Method: CMIA					
Reported By : DR.PRIYA ABRAHAM					
12/08/2024 14:54	CALCIUM AND PHOSPHATE				
	CALCIUM	9.40	mg%		8.3-10.4
Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: Colorimetry, NM-BAPTA					
	PHOSPHORUS	5.0	mg%		2.5-4.6
Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: Phosphomolybdate					
12/08/2024 14:54	LFT				

	BILIRUBIN TOTAL	2.14	mg/dL	< 1.2
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: colorimetric, endpoint, Automated Chemistry Analyzer			
	DIRECT	0.63	mg%	
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: colorimetric, endpoint, Automated Chemistry Analyzer			
	PROTEIN TOTAL	6.8	g/dL	6.0-8.5
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: BIURET			
	ALBUMIN	4.3	g/dL	3.5-5.0
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: BCG			
	AST (SGOT)	80	U/L	< 40
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: IFCC without PP5			
	ALT (SGPT)	109	U/L	< 41
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: IFCC without PP5			
	ALKALINE PHOSPHATASE	201	U/L	Adult:40-125, Child<350, Adolescent:Upto 4 X Adult
	Reported On:12/08/2024 15:20; Specimen Type: Serum ; Analytical Method: Kinetic, PNPP			
12/08/2024 14:54	CREATININE	0.21	mg%	0.5-1.4
	Reported On:12/08/2024 15:29; Specimen Type: Serum ; Analytical Method: Jaffe,Compensated			
12/08/2024 14:25	RETICULOCYTE COUNT	0.18	%	Validated 0.5 - 2.5
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Volume Conductivity Scatter			
12/08/2024 14:25	CBC PROFILE			Validated
	NE:48, LY:38, MO:11, EO:3, BA:0			
	MCV	70.2	fL	80-100
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Derived from RBC histogram			
	MCH	24.2	pG	26-34
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Calculated-automated cell counter			
	MCHC	34.4	%	31.4-36.3
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Calculated-automated cell counter			
	RDW-CV	22.6	%	11.5-14.5
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Derived from RBC histogram			
	TOTAL WBC	7000	/CUMM	4,000- 12,000
	Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Electrical impedance / flow cytometry			
	HB	10.3	g/dL	M 13-17;F

Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Photometric measurement on automated cell counter(transmittance 525 nm)			11-15
PLATELET COUNT	192000	/CUMM	1,50,000- 4,50,000
Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Impedance (derived by area under the curve)			
RBC	4.26	MM/cumm	M 4.4- 5.9;F 3.8- 5.2
Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Electrical impedance / flow cytometry			
HCT (PCV)	29.9	%	M 40-50;F 35-46
Reported On:12/08/2024 14:51; Specimen Type: EDTA blood ; Analytical Method: Calculated-automated cell counter			
RETICS		%	0.5-2.5