

**Identi Assayed Human Sera Level 2 - Abnormal Control**

Cat No: HN1530

Lot No: 1195UE

Expiry: 2025 - 04 - 28

Pack size: 1X5 mL

Abnormal QC					
Parameter	Method	Mean	Range	1SD	Unit
Glucose	Glucose oxidase	283	240 - 326	45	mg/dL
Cholesterol	Cholesterol oxidase	287	250 - 324	37	mg/dL
Triglycerides	Lipase/GPO-PAP, no correction	258	218 - 298	40	mg/dL
HDL-cholesterol	HDL Ultra	92.6	78.7 - 107	13.9	mg/dL
Urea	Urease kinetic	122	103 - 141	19	mg/dL
Creatinine	Alkaline picrate-no deproteinization	4.75	3.8 - 5.70	0.95	mg/dL
Uric acid	Uricase peroxidase, with ascorbate oxidase	9.41	8.18 - 10.6	1.23	mg/dL
AST (SGOT)	Tris buffer w/o P5P, 37°C	142	113 - 171	29	U/L
ALT (SGPT)	Tris buffer w/o P5P, 37°C	142	113 - 171	3.5	U/L
Alkaline phosphatase	AMP optimised to IFCC 37°C	340	289 - 391	51	U/L
Total Proteins	Biuret reaction, end point	4.55	3.64 - 5.46	0.91	g/dL
Albumin	Bromocresol green	2.96	2.52 - 3.40	0.44	g/dL
Total Bilirubin	Diazo, with sulphanic acid	5.65	4.47 - 6.83	1.18	mg/dL
Direct Bilirubin	Diazo, with sulphanic acid	2.08	1.65 - 2.51	0.43	mg/dL
Calcium	Arsenazo III	12.5	11.2 - 13.8	1.3	mg/dL
Phosphorus	Phosphomolybdate UV	7.13	6.08 - 8.18	1.05	mg/dL
Magnesium	Xylidyl blue	4.18	3.67 - 4.69	0.51	mg/dL
Amylase	2-chloro-PNPG 3, 37°C	296	252 - 340	44	U/L
GGT	Gammaglutamyl-3-carboxy-4-nitroanilide (IFCC) 37°C	185	158 - 212	27	U/L
LDH-L	L-P IFCC 37°C	387	329 - 445	58	U/L
CK NAC	CK NAC (IFCC) 37°C	532	436 - 628	96	U/L
Lipase	Roche colorimetric 37°C	71	57 - 85	14	U/L

Date: 13.10.2021

Place: Chennai

\* PLEASE CHECK OVERLEAF FOR IMPORTANT INSTRUCTIONS

Patient's Name: **Control Sample**  
Age/Sex: **11 Years/Male**  
Referred By: **Self ( )**

Ref No: **92116-22**  
Sample Received on: **04/08/2022 09:20**

**BIO CHEMISTRY**

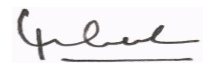
<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Normal Range</u></b>
S.G.P.T. (ALT):	<b><u>147</u></b>	IU/L	Upto 40 .0 U/L
S.Creatinine:	<b><u>5.27</u></b>	mg/dl	0.8 - 1.4 mg/dL
S.Urea:	<b><u>126</u></b>	mg/dl	15.0 - 37.0 mg/dL
Total Protein:	<b><u>4.9</u></b>	gm/dl	6.3 - 8.6 gm/dl
Total Bilirubin:	<b><u>5.87</u></b>	mg/dl	0.3 - 1.10 mg/dl
S.Uric Acid:	<b><u>9.6</u></b>	mg/dl	M : 2.5 - 8.0 mg/dL W : 1.3 - 6.0 mg/dL
S. Cholesterol:	<b><u>292</u></b>	mg/dl	< 200 mg/dl - Desirable, 200-239 mg/dl - Boderline high, > 240 mg/dl - High
S.Calcium	<b><u>12.6</u></b>	mg/dl	8.8 - 10.1 mg/dl
S. Triglyceride:	<b><u>248</u></b>	mg/dL	< 150 mg/dL Normal 150 - 199 mg/dL Boder line High 200 - 499 mg/dL High > 500 mg/dL Very High
Random Blood Sugar :	<b><u>297</u></b>	mg/dl	70 - 140 mg/dl

Done by Hexokinase Method.

Tests are carried out on Fully Automated Biochemistry Analyser, Dimension Xpand PLUS, Siemens, Germany.

**Dr. Anamika Sahu**  
**MBBS, MD(Microbiology)**  
Checked By : \_\_\_\_\_

**Dr. Drashti Patel**  
**M.D.(Pathology)**



**Dr. Rahul M Jariwala**  
**M.D.(Pathology)**