

PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)
PT SCHEME: BIOCHEMISTRY

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

All Methods

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
1	TRIGLYCERIDES	22	430.00	mg/dL	353.17	25.37	6.760	3.03	Unsatisfactory
2	AST	33	255.00	U/L	204.51	18.30	3.983	2.76	Questionable
3	POTASSIUM	30	4.50	mmol/L	4.89	0.16	0.037	2.40	Questionable
4	HDL-CHOL	22	89.00	mg/dL	121.37	15.22	4.056	2.13	Questionable
5	CHOLESTEROL	31	191.00	mg/dL	170.93	10.90	2.446	1.84	Satisfactory
6	UREA	33	34.60	mg/dL	31.88	1.86	0.404	1.46	Satisfactory
7	ALT	31	274.00	U/L	234.88	22.37	5.022	1.75	Satisfactory
8	BILIRUBIN	26	12.50	mg/dL	11.47	0.99	0.242	1.05	Satisfactory
9	TOTAL PROTEIN	33	7.90	g/dL	7.28	0.60	0.130	1.05	Satisfactory
10	CHLORIDE	27	99.10	mmol/L	104.82	2.89	0.695	1.98	Satisfactory
11	Direct Bilirubin	27	6.90	mg/dL	5.56	0.99	0.238	1.36	Satisfactory
12	GLUCOSE	36	357.00	mg/dL	372.91	23.84	4.967	0.67	Good
13	CREATININE	37	2.90	mg/dL	2.71	0.22	0.046	0.87	Good
14	ALBUMIN	33	5.90	g/dL	6.72	1.07	0.234	0.76	Good
15	SODIUM	27	141.30	mmol/L	140.82	2.14	0.515	0.23	Good
16	CALCIUM	24	13.50	mg/dL	14.33	1.24	0.315	0.67	Good
17	GGTP	22	85.00	U/L	93.06	11.05	2.945	0.73	Good
18	URIC ACID	30	8.70	mg/dL	9.02	0.43	0.098	0.75	Good
19	Alkaline Phosphatase	29	151.00	U/L	151.02	11.47	2.663		Good

Authorised Signatory

 * denotes adjusted SDPA as per ISO 13528:2015(E)
 SDPA - Standard Deviation for Proficiency Assessment



 Dr. Sujay Prasad
 Technical Manager and Program coordinator

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*** ROUTINE ***

PATIENT NAME:

SAMPLE ID: NEDCAP OCTOBER POS: 1 TRAY:

TRACK: 2 FLUID: SERUM MAN DIL: 1.0000 DATE: Oct 23 21
TIME: 15:17:32

TEST	RESULT	CODE	TEST	RESULT	CODE	TEST	RESULT	CODE
			TRIG	349.	mg/dL	UC		

INSTR DL :

Joanna
23/10/21



ame : Mr. PUSHPARAJ
ge / Sex : 52 Year(s) / Male
atient ID : PDW057022
isit No. : 21WP114714

Ref. Doctor : DR. BASAVARAJ
HIRAGAPPANAVAR
Client : Sushruta Clinic

Registered Date : 26/10/2021 11:58 AM
Collected On : 26/10/2021 11:59 AM
Received On : 26/10/2021 12:04 PM
Reported On : 26/10/2021 01:32 PM



eport Type : Final

Test	Results	Units	Biological Reference Range
BIOCHEMISTRY			
LIPID PROFILE			
Cholesterol Total - Serum Cholesterol Oxidase Dry Chemistry	245.0	mg/dl	Desirable: < 200 Borderline High: 200-239 High: >= 240
Triglycerides (TGL) - Serum Lip/Glycerol Kinase Dry Chemistry	140.0	mg/dl	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500
HDL Cholesterol - Serum Colorimetric: non HDL precipitation method	47.0	mg/dL	Low: < 40.0 High: >= 60.0
LDL - CHOLESTEROL - Serum Derived	170.0	mg/dL	Very High Risk: > 190 High Risk: 160-189 Moderate Risk: 130-159 Desirable: < 100 Near Desirable: 100-129
VLDL - Serum Calculated	28	mg/dL	< 30
TOTAL CHOLESTEROL/HDL CHOLESTEROL RATIO - Serum manual	5.21	-	Less than 4.5

-- End of Report --

Kindly correlate clinically. If necessary discuss/repeat

Shilpi Banga

Dr. Shilpi Banga,
Pathologist



ame : Mr. 21WP114714 Ref. Doctor : DR. INTER LAB
ge / Sex : 52 Year(s) / Male COMPARISON
atient ID : PDW057073 Client : Walk-in
isit No. : 21WP114772

Registered Date : 26/10/2021 03:41 PM
Collected On : 26/10/2021 03:42 PM
Received On : 26/10/2021 03:42 PM
Reported On : 26/10/2021 03:45 PM



eport Type : Final

Test	Results	Units	Biological Reference Range
BIOCHEMISTRY			
Triglycerides (TGL) - Serum Glycerol phosphate oxidase	142	mg/dl	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: > 500

-- End of Report --

Kindly correlate clinically. If necessary discuss/repeat

Sheela

Dr. Sheelapaveen,
Pathologist
KMC-No:28920

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PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)

PT SCHEME: BIOCHEMISTRY

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/8/C3/S8

Report Date : 09/09/2021

Sample : AUG 2021

All Methods

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
1	TRIGLYCERIDES	22	167.00	mg/dL	114.36	7.90	2.106	6.66	Unsatisfactory
2	GGTP	21	120.00	U/L	59.90	5.64	1.538	10.66	Unsatisfactory
3	CREATININE	41	8.80	mg/dL	7.95	0.60	0.118	1.40	Satisfactory
4	UREA	29	66.10	mg/dL	59.70	6.11	1.418	1.05	Satisfactory
5	ALT	35	26.00	U/L	35.15	7.09	1.497	1.29	Satisfactory
6	TOTAL PROTEIN	32	2.70	g/dL	1.97	0.50	0.110	1.45	Satisfactory
7	HDL-CHOL	25	53.00	mg/dL	70.06	15.13	3.783	1.13	Satisfactory
8	Alkaline Phosphatase	28	76.00	U/L	90.60	14.48	3.422	1.01	Satisfactory
9	Direct Bilirubin	26	16.10	mg/dL	8.84	5.43	1.331	1.34	Satisfactory
10	GLUCOSE	34	33.00	mg/dL	37.40	5.11	1.096	0.86	Good
11	CHOLESTEROL	30	140.00	mg/dL	133.30	8.66	1.976	0.77	Good
12	AST	36	50.00	U/L	44.32	7.16	1.493	0.79	Good
13	BILIRUBIN	23	20.00	mg/dL	19.36	3.39	0.884	0.19	Good
14	ALBUMIN	34	2.00	g/dL	2.05	0.27	0.057	0.19	Good
15	SODIUM	30	139.30	mmol/L	145.90	9.98	2.277	0.66	Good
16	POTASSIUM	31	2.42	mmol/L	2.52	0.21	0.047	0.46	Good
17	CHLORIDE	14	90.10	mmol/L	103.93	* 17.80	5.641	0.78	Good
18	CALCIUM	27	11.50	mg/dL	10.24	1.42	0.343	0.89	Good
19	URIC ACID	29	9.10	mg/dL	9.35	0.73	0.170	0.35	Good

Authorised Signatory

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Dr. Sujay Prasad
Technical Manager and Program coordinator

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PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)

PT SCHEME: BIOCHEMISTRY

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/8/C3/S8

Report Date : 09/09/2021

Sample : AUG 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
20	UREA (Dry chemistry)	7	66.10	mg/dL	67.56	0.72		2.02	Questionable
21	CREATININE (Dry chemistry)	6	8.80	mg/dL	8.53	0.25		1.06	Satisfactory
22	TOTAL PROTEIN (Dry chemistry)	6	2.70	g/dL	2.58	0.10		1.12	Satisfactory
23	ALBUMIN (Dry chemistry)	7	2.00	g/dL	1.90	0.07		1.40	Satisfactory
24	URIC ACID (Dry chemistry)	6	9.10	mg/dL	8.85	0.19		1.33	Satisfactory
25	GLUCOSE (Dry chemistry)	7	33.00	mg/dL	35.71	3.04		0.89	Good
26	CHOLESTEROL (Dry chemistry)	7	140.00	mg/dL	137.43	4.48		0.57	Good
27	AST (Dry chemistry)	4	50.00	U/L	49.00	1.25		0.80	Good
28	ALT (Dry chemistry)	5	26.00	U/L	33.40	7.52		0.98	Good
29	SODIUM (ISE, Direct)	15	139.30	mmol/L	143.98	* 8.22	2.523	0.57	Good
30	POTASSIUM (ISE, Direct)	16	2.42	mmol/L	2.45	0.18	0.055	0.16	Good
31	CHLORIDE (ISE, Direct)	8	90.10	mmol/L	103.89	14.87		0.93	Good
32	CALCIUM (Dry chemistry)	5	11.50	mg/dL	11.82	0.40		0.80	Good
33	HDL-CHOL (Dry chemistry)	5	53.00	mg/dL	56.80	6.77		0.56	Good
34	Alkaline Phosphatase (Dry chemistry)	5	76.00	U/L	75.40	4.26		0.14	Good

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Dr. Sujay Prasad
Technical Manager and Program coordinator

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Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)

PT SCHEME: BIOCHEMISTRY



Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/8/C3/S8

Report Date : 09/09/2021

Sample : AUG 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
35	Direct Bilirubin (Dry chemistry)	5	16.10	mg/dL	14.96	1.60		0.71	Good
36	TRIGLYCERIDES (Dry chemistry)	0	167.00	mg/dL					N/A
37	BILIRUBIN (Dry Chemistry)	1	20.00	mg/dL					N/A
38	GGTP (Dry chemistry)	0	120.00	U/L					N/A <i>[Less Peer]</i>

Interpretation of z scores is as follows:

- | Z score | ≤ 1.0 - Good
- | Z score | between 1.0 to 2.0 - Satisfactory
- | Z score | between 2.0 to 3.0 - Questionable
- | Z score | ≥ 3.0 - Unsatisfactory

Group is there in unit]

*Neuqap dont have peer group for unit.
→ Parameter we will keep in observation.*

*Sujoy
9/9/21*

Authorised Signatory

Dr. Sujay Prasad

Technical Manager and Program coordinator

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CIN: U85300KA2018PTC115147

RCA FORM OF ILC / PT / EQAS OUTLIERS

Department: *Biochemistry*

Date: *28/9/2021*

1. Proficiency test exception for: *CRUT for August 2021*
2. Proficiency test provider: *NEU-CCAP - Newberg - Anand laboratory medicine*
3. Proficiency test analyte group: *Peex (Memod)*
4. Cause for PT exception:

Matrix or value assignment issue.

5. How did the section investigate the cause: *DATA ENTRY - NO ERROR
IQC - OK
Environmental condition - OK
PM & services - OK
LQC - OK
TQC - OK*
6. What was the status of the internal QC on the day PT initially analysed:

OK.

7. Category into which the cause will fit into:

Method
 Technique
 Clerical
 No explanation after investigation
 Problem with PT material
 Other

8. Evidence that the problem was corrected successfully: *All the evidence send to some clinical diagnostics, they did survey for unit, so other labs for the same instrument & NECAP there is a problem with unit. Every passed to NECAP team.*
9. Specific corrections taken to prevent the recurrence if possible:

-> every has submitted to NECAP through other clinical diagnostics.

10. Signatures: *-> They are waiting to analyse more sample (> 3) samples*

Quality manager: *[Signature]*

Pathologist: *[Signature]*

RE: NEQAP BIOCHEMISTRY REPORT

Ragavan, Sadanish <sadanish.r@orthoclinicaldiagnostics.com>

Fri 9/24/2021 8:34 PM

To: sruthi <sruthi.m@primadiagnostics.com>

Dear Mam,

Greetings from Ortho Clinical Diagnostics.

Please find detailed analysis below of GGT recovery in Neu-QAP EQAS from various labs with Vitros analysers:

GGT Recovery - Neu-QAP

S.No	EQAS Month	Assigned Value	Prima Diagnostics, Whitefield	Lab 1	Lab 2	Lab 3	Avg of 3 Labs	Bias % (Prima Vs Avg of 3 labs)	Biological Variation allowable Bias for GGT	
1	July	60.37	22	22	26	21	23.0	4.35	11%	Acceptable
2	August	59	120	112	107	125	114.7	-4.65	11%	Acceptable

The above data clearly indicates GGT recovery comparison between all Vitros analysers is acceptable.

There is no Bias in GGT recovery at Prima diagnostics, Whitefield .

Possible Root Cause of EQAS failure:

The data confirms that the failure of EQAS is due to EQAS itself (Matrix or Value assignment issue).

Please kindly check the above and kindly revert back for any further clarifications required.

Thanks & Regards,

Sadanish R

Zonal Manager | Ortho Care Application Support

Ortho Clinical Diagnostics

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Andheri Kurla Road,
Andheri (E), Mumbai-400059
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Sadanish.r@orthoclinicaldiagnostics.com
www.orthoclinicaldiagnostics.com

*Reviewed by
Sadanish R
27/9/21*

Ortho Clinical Diagnostics

Because Every Test is a Life®

From: sruthi [mailto:sruthi.m@primadiagnostics.com]

Sent: 24 September 2021 11:23

To: Ragavan, Sadanish

Subject: NEQAP BIOCHEMISTRY REPORT

EXTERNAL SENDER: Verify links, attachments and sender before taking action

Dear Sadanesh,

Here am ending NEQAP 2-month reports. Can you give one survey report for NEQAP for GGT.



ame : Mrs. 21WP109417 Ref. Doctor : DR. INTER LAB
ge / Sex : 1 Year(s) / Female COMPARISON
atient ID : PDW052998 Client : Walk-in
isit No. : 21WP109490

Registered Date : 23/09/2021 11:55 AM
Collected On : 23/09/2021 11:57 AM
Received On : 23/09/2021 11:57 AM
Reported On : 23/09/2021 12:28 PM

eport Type : Final

Test	Results	Units	Biological Reference Range
BIOCHEMISTRY			
Gamma-Glutamyl Transferase (GGT) - Serum	20.0	U/L	12-64
Gamma--Glutamyl-p-nitroanilide IFCC			

-- End of Report --

Kindly correlate clinically. If necessary discuss/repeat

1000m
03/10/21

Rajeshwari

Dr. Rajeshwari.G,
Pathologist
KMC-NO:85082

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ame : Mrs. MALATHI Ref. Doctor : DR. SELF
ge / Sex : 53 Year(s) / Female Client : Walk-in
atient ID : PDW052944
isit No. : 21WP109417

Registered Date : 23/09/2021 08:39 AM
Collected On : 23/09/2021 09:31 AM
Received On : 23/09/2021 11:45 AM
Reported On : 23/09/2021 01:27 PM



eport Type : Final

Biuret Method Dry Chemistry

Albumin - Serum 4.4 g/dL 3.5-5.0
Bromo-Cresol Green Dry chemistry

Globulins - Serum 3.7 g/dL 1.8-3.6
Calculated

A G Ratio - Serum 1.19 1.5-2.5
Derived

Gamma-Glutamyl Transferase (GGT) - Serum 22.0 U/L
Y-glutamyl-P-nitroanilide Dry Chemistry
Adult: 12-58
Female: 12-43
Male: 15-73
1 - 3 Years: 5-16

-- End of Report --

Kindly correlate clinically. If necessary discuss/repeat

Handwritten signature and date: 23/9/21

Handwritten signature of Mrs. Sruthi M.
Mrs. Sruthi M,
Biochemist

Page 2 / 2

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Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)

PT SCHEME: BIOCHEMISTRY



PC-1047

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/7/C3/S7

Report Date : 10/08/2021

Sample : JUL 2021

All Methods

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
1	ALT	34	11.00	U/L	24.01	1.86	0.400	6.98	Unsatisfactory
2	HDL-CHOL	18	98.00	mg/dL	50.43	4.84	1.426	9.83	Unsatisfactory
3	GGTP	21	22.00	U/L	60.37	4.90	1.336	7.83	Unsatisfactory
4	Alkaline Phosphatase	21	35.00	U/L	59.01	4.32	1.179	5.56	Unsatisfactory
5	SODIUM	19	124.00	mmol/L	141.33	6.54	1.876	2.65	Questionable
6	TRIGLYCERIDES	30	77.00	mg/dL	69.86	5.51	1.258	1.29	Satisfactory
7	UREA	33	16.50	mg/dL	18.51	1.84	0.401	1.09	Satisfactory
8	AST	41	28.00	U/L	31.82	3.48	0.679	1.10	Satisfactory
9	ALBUMIN	33	4.20	g/dL	3.80	0.36	0.079	1.12	Satisfactory
10	POTASSIUM	27	2.00	mmol/L	2.36	0.23	0.055	1.56	Satisfactory
11	CHLORIDE	10	32.90	mmol/L	44.97	6.30		1.91	Satisfactory
12	CALCIUM	28	3.90	mg/dL	4.42	0.42	0.099	1.23	Satisfactory
13	Direct Bilirubin	27	0.20	mg/dL	0.35	0.13	0.032	1.11	Satisfactory
14	GLUCOSE	38	114.00	mg/dL	117.46	4.89	0.991	0.71	Good
15	CHOLESTEROL	29	99.00	mg/dL	101.21	6.02	1.396	0.37	Good
16	CREATININE	41	1.00	mg/dL	1.04	0.12	0.023	0.37	Good
17	BILIRUBIN	30	0.70	mg/dL	0.65	0.12	0.028	0.44	Good
18	TOTAL PROTEIN	31	3.90	g/dL	3.81	0.19	0.042	0.49	Good
19	URIC ACID	31	1.40	mg/dL	1.49	0.14	0.030	0.69	Good

Authorised Signatory

Dr. Sujay Prasad
Technical Manager and Program coordinator

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Ref.No.	NEUQAP189
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Report Date : 10/08/2021

Sample : JUL 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
20	SODIUM (ISE, Direct)	8	124.00	mmol/L	138.91	2.93		5.09	Unsatisfactory
21	Alkaline Phosphatase (PNPP AMP Buffer)	6	35.00	U/L	60.57	2.59		9.88	Unsatisfactory
22	UREA (Urease)	17	16.50	mg/dL	18.70	2.02	0.613	1.09	Satisfactory
23	ALBUMIN (BCG)	26	4.20	g/dL	3.74	0.41	0.100	1.12	Satisfactory
24	POTASSIUM (ISE, Direct)	12	2.00	mmol/L	2.35	0.27		1.27	Satisfactory
25	CHLORIDE (ISE, Direct)	7	32.90	mmol/L	42.81	5.33		1.86	Satisfactory
26	CALCIUM (Arsenazo III)	5	3.90	mg/dL	4.65	0.52		1.46	Satisfactory
27	Direct Bilirubin (Diazotised Sulphanilic)	7	0.20	mg/dL	0.34	0.08		1.71	Satisfactory
28	GLUCOSE (GOD-POD)	15	114.00	mg/dL	118.76	* 5.00	1.535	0.95	Good
29	TRIGLYCERIDES (Enzymatic)	9	77.00	mg/dL	72.63	5.13		0.85	Good
30	CREATININE (Enzymatic)	11	1.00	mg/dL	1.08	0.08		0.99	Good
31	AST (IFCC with P5P)	6	28.00	U/L	31.12	3.49		0.89	Good
32	BILIRUBIN (Dry Chemistry)	6	0.70	mg/dL	0.70	0.04			Good
33	TOTAL PROTEIN (Biuret)	26	3.90	g/dL	3.79	0.21	0.051	0.51	Good
34	URIC ACID (Uricase PAP)	7	1.40	mg/dL	1.50	0.11		0.93	Good

Authorised Signatory

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Technical Manager and Program coordinator

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PC-1047

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP BIO SERUM/2021/7/C3/S7

Report Date : 10/08/2021

Sample : JUL 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
35	CHOLESTEROL ((CE/CO/HPO))	2	99.00	mg/dL					N/A
36	ALT (IFCC with P5P)	2	11.00	U/L					N/A
37	HDL-CHOL (DEXTRAN SULPHATE)	0	98.00	mg/dL					N/A
38	GGTP (LGamma glutamyl3carboxy4)	2	22.00	U/L					N/A

Interpretation of z scores is as follows:

- | Z score | ≤ 1.0 - Good
- | Z score | between 1.0 to 2.0 - Satisfactory
- | Z score | between 2.0 to 3.0 - Questionable
- | Z score | ≥ 3.0 - Unsatisfactory

Authorised Signatory

Dr. Sujay Prasad
Technical Manager and Program coordinator

* denotes adjusted SDPA as per ISO 13528:2015(E)
SDPA - Standard Deviation for Proficiency Assessment

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This report is for use only by the intended participant.



An external quality assurance program from
NEUBERG ANAND ACADEMY OF LABORATORY MEDICINE PVT.LTD.

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CIN: U85300KA2018PTC115147



ame : Mrs. 21WP107294 Ref. Doctor : DR. SELF
ge / Sex : 1 Year(s) / Female Client : Walk-in
atient ID : PDW051399
isit No. : 21WP107375

Registered Date : 11/09/2021 12:42 PM
Collected On : 11/09/2021 12:44 PM
Received On : 11/09/2021 12:44 PM
Reported On : 11/09/2021 01:09 PM



eport Type : Final

Test	Results	Units	Biological Reference Range
<u>BIOCHEMISTRY</u>			
Alanine Transaminase(ALT/ SGPT) - Serum IFCC without P-5-P	29.0	U/L	0-55
Alkaline Phosphatase - Serum IFCC PNPP	85.0	U/L	Female: 13 - 15 Year(s) : < 500 Both: 0 - 12 Year(s) : < 500 Both: 16 - 120 Year(s) : 40 - 150
Gamma-Glutamyl Transferase (GGT) - Serum Gamma--Glutamyl-p-nitroanilide IFCC	<u>10.0</u>	U/L	12-64
HDL Cholesterol - Serum Accelerator selective detergent	<u>15.00</u>	mg/dL	40-60

-- End of Report --

Kindly correlate clinically. If necessary discuss/repeat

Rajeshwari G.
Dr. Rajeshwari.G,
Pathologist
KMC-NO:85082

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GURURAJGOVIND LIFESCIENCES WHITEFIELD LLP

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Corp Office : 4/16, 9th Main Road, 3rd Block, Jayanagar, Bengaluru - 560 011 ☎: +91 9148524444
Home collection : ☎ +91 78294 90000 | +91 78294 93333, www.primadiagnostics.com | admin.pw@primadiagnostics.com



Name : Mrs. GEETHANJALI K
Age / Sex : 57 Year(s) / Female
Patient ID : PDW051330
Visit No. : 21WP107294
Ref. Doctor : C/O EKINCARE
Client : EKINCARE

Registered Date : 11/09/2021 08:39 AM
Collected On : 11/09/2021 08:45 AM
Received On : 11/09/2021 11:25 AM
Reported On : 11/09/2021 02:02 PM



Report Type : Amendend

Test Results Units Biological Reference Range

BIOCHEMISTRY

LFT - LIVER FUNCTION TEST

TOTAL BILIRUBIN - Serum 0.50 mg/dL 0.2-1.3
Diazotized sulphanilic acid Dry Chemistry

	Reference Range
Birth - 1 Day	< 5.8
1 - 2 Day	< 8.2
3 - 5 Days	< 11.7
1 Month - Adult	< 1.0
Bottle fed infants	< 14.8
Bottle fed infants	< 12.4

DIRECT BILIRUBIN - Serum 0.10 mg/dL Adult: 0.0-0.3
Dual Wavelength - Reflectance Spectrophotometry Neonate: 0.0-0.6
INDIRECT BILIRUBIN - Serum 0.40 mg/dL Adult: 0.0-1.1
Dual Wavelength - Reflectance Spectrophotometry Neonate: 0.6-10.5
Aspartate Transaminase(AST/ SGOT) - Serum 28.0 U/L Female: 14-36
UV with P-5-P Dry Chemistry 7 - 9 Year: 15-40
Alanine Transaminase(ALT/ SGPT) - Serum 28.0 U/L Female: < 35
UV with P-5-P 7 - 9 year: 10-35
Alkaline Phosphatase - Serum 87.0 U/L 40-150
p-nitrophenyl Phosphate, AMP buffer Dry Chemistry
Total Protein - Serum 7.3 gm/dL 6.3-8.2
Biuret Method Dry Chemistry
Albumin - Serum 4.1 g/dL 3.5-5.0

Sruthi M.

Mrs. Sruthi M,
Biochemist



ame : Mrs. GEETHANJALI K Ref. Doctor : C/O EKINCARE
ge / Sex : 57 Year(s) / Female Client : EKINCARE
atient ID : PDW051330
isit No. : 21WP107294

Registered Date : 11/09/2021 08:39 AM
Collected On : 11/09/2021 08:45 AM
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Reported On : 11/09/2021 02:02 PM



eport Type : Amendend

Bromo-Cresol Green Dry chemistry

Globulins - Serum 3.2 g/dL 1.8-3.6
Calculated

A G Ratio - Serum 1.28 1.5-2.5
Derived

Gamma-Glutamyl Transferase (GGT) - Serum 9.0 U/L
Y-glutamyl-P-nitroanilide Dry Chemistry
Adult: 12-58
Female: 12-43
Male: 15-73
1 - 3 Years: 5-16

LIPID PROFILE

Cholesterol Total - Serum 105.0 mg/dl
Cholesterol Oxidase Dry Chemistry
Desirable: < 200
Borderline High: 200-239
High: >= 240

Triglycerides (TGL) - Serum 99.0 mg/dl
Lip/Glycerol Kinase Dry Chemistry
Normal: < 150
Borderline High: 150-199
High: 200-499
Very High: >= 500

HDL Cholesterol - Serum 13.0 mg/dL
Colorimetric: non HDL precipitation method
Low: < 40.0
High: >= 60.0

LDL - CHOLESTEROL - Serum 72.2 mg/dL
Derived
Very High Risk: > 190
High Risk: 160-189
Moderate Risk: 130-159
Desirable: < 100
Near Desirable: 100-129

VLDL - Serum 19.8 mg/dL
Calculated
< 30

TOTAL CHOLESTEROL/HDL CHOLESTEROL 8.08
RATIO - Serum
manual
Less than 4.5

CREATININE - Serum 0.5 mg/dl
Modified Jaffe's / Kinetic Alkaline Picrate
Male: 0.66-1.25
Female: 0.52-1.04

Mrs. Sruthi M,
Biochemist