



BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 2488

Cycle - 11/2022
Round No - 6

Date: 23/06/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	201	2.9	0.2	0.02	2.5-3.3	3.0	0.4
Alkaline Phosphatase	U/L	193	314.8	71.3	6.41	172.3-457.3	346	0.4
Bilirubin Total	mg/dL	201	5.0	0.5	0.05	3.9-6.0	5.6	1.3
Calcium(Total)	mg/dL	176	12.1	1.0	0.09	10.2-14.0	10.5	-1.6
Cholesterol (Total)	mg/dL	197	270.9	16.1	1.44	238.7-303.2	257	-0.9
Creatinine	mg/dL	206	4.2	0.4	0.04	3.4-5.0	4.2	0.0
Glucose	mg/dL	208	264.8	16.2	1.40	232.4-297.1	256	-0.5
HDL	mg/dL	188	90.8	31.2	2.84	28.5-153.1	65.7	-0.8
Potassium	mEq/L	173	5.8	0.3	0.03	5.2-6.4	5.5	-1.0
Protein (Total)	g/dl	198	4.7	0.4	0.04	3.8-5.5	4.7	0.1
Sodium	mEq/L	172	155.3	5.3	0.51	144.7-165.9	156	0.1
SGPT/ALT	U/L	204	120.8	14.2	1.24	92.5-149.2	131	0.7
SGOT/AST	U/L	204	130.6	14.9	1.31	100.7-160.4	125	-0.4
Triglyceride	mg/dL	197	250.3	17.6	1.57	215.0-285.6	240	-0.6
Urea	mg/dL	204	115.1	10.9	0.95	93.3-136.9	105	-0.9
Uric Acid	mg/dl	203	9.1	0.8	0.07	7.5-10.7	10.5	1.8
Chloride	mEq/L	43	117.5	4.6	0.88	108.3-126.6	116	-0.3
Phosphorus	mg/dL	38	6.0	0.4	0.08	5.8-7.6	6.6	1.5
Magnesium	mg/dl	18	4.1	0.4	0.12	3.2-5.0	.	.
Iron	µg/dL	32	212.0	13.1	2.89	185.7-238.3	225	1.0
Amylase	U/L	30	257.7	49.5	11.30	158.8-356.6	.	.
CK	U/L	19	560.0	105.7	30.31	348.7-771.4	.	.

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	{,} Not Reported	(#)Late Result	(\$)Reported in
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: SS

Programme Director

Dr.Bandana Mehrotra

Page 1 of 7

Doc. No.: ASS / FR / 03A / R 01 / Dt.: 05.01.2022



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BIO-CHEMISTRY-02

ALL METHOD REPORT

Lab Code: 2488

Cycle - 11/2022
Round No - 5

Date: 25/05/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	193	2.9	0.2	0.02	2.5-3.3	3.0	0.5
Alkaline Phosphatase	U/L	184	315.9	81.2	7.48	153.6-478.3	387	0.9
Bilirubin Total	mg/dL	192	5.0	0.6	0.05	3.9-6.1	5.4	0.7
Calcium(Total)	mg/dL	169	12.1	1.0	0.10	10.1-14.2	13.2	1.1
Cholesterol (Total)	mg/dL	187	270.1	14.0	1.28	242.1-298.2	269	-0.1
Creatinine	mg/dL	195	4.2	0.4	0.04	3.5-5.0	4.2	0.0
Glucose	mg/dL	196	262.0	15.8	1.41	230.4-293.6	276	0.9
HDL	mg/dL	177	91.2	29.7	2.79	31.7-150.7	64.7	-0.9
Potassium	mEq/L	164	5.8	0.3	0.03	5.2-6.4	5.5	-1.0
Protein (Total)	g/dl	188	4.7	0.5	0.05	3.8-5.6	4.8	0.2
Sodium	mEq/L	165	154.2	5.3	0.52	143.5-164.8	155	0.2
SGPT/ALT	U/L	191	121.9	14.1	1.28	93.8-150.0	130	0.6
SGOT/AST	U/L	192	132.1	13.7	1.24	104.8-159.5	131	-0.1
Triglyceride	mg/dL	187	251.6	15.8	1.44	220.1-283.2	254	0.2
Urea	mg/dL	194	115.7	10.5	0.94	94.8-136.7	121	0.5
Uric Acid	mg/dl	192	9.0	0.9	0.08	7.3-10.8	10.4	1.6
Chloride	mEq/L	41	117.1	4.6	0.90	107.8-126.3	115	-0.5
Phosphorus	mg/dl	37	6.7	0.4	0.08	6.0-7.5	6.8	0.2
Magnesium	mg/dl	21	4.1	0.5	0.14	3.0-5.2	.	-
Iron	µg/dL	32	216.9	24.9	5.50	167.1-266.8	244	1.1
Amylase	U/L	33	262.1	43.8	9.53	174.4-349.7	.	-
CK	U/L	21	529.4	152.6	41.63	224.2-834.7	.	-

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	[.] Not Reported	(#)Late Result	(\$)Reported in
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Chief Coordinator

Prepared by: SV
Dr.Sanjay Mehrotra

Checked By:

Prepared by: SV

Programme Director

Dr.Bandana Mehrotra

Page 1 of 7

Doc. No.: ASS/FR/03B/R01/Dt.:05.01.2022



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BIO-CHEMISTRY-02

ALL METHOD REPORT

Cycle - 11/2022
Round No - 4

Date: 30/04/2022

Lab Code: 2488

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	190	4.0	0.3	0.02	3.5-4.6	3.9	-0.5
Alkaline Phosphatase	U/L	182	182.7	44.6	4.13	93.6-271.8	197	0.3
Bilirubin Total	mg/dL	192	1.5	0.2	0.02	1.1-1.9	1.4	-0.6
Calcium(Total)	mg/dL	166	9.0	0.7	0.07	7.6-10.4	9.8	1.2
Cholesterol (Total)	mg/dL	185	172.4	20.4	1.88	131.6-213.3	150	-1.1
Creatinine	mg/dL	193	1.4	0.2	0.02	1.0-1.8	1.3	-0.4
Glucose	mg/dL	194	109.2	9.4	0.84	90.4-128	99	-1.1
HDL	mg/dL	177	61.1	17.0	1.60	27.1-95.1	42.6	-1.1
Potassium	mEq/L	165	3.9	0.2	0.02	3.5-4.2	4.0	0.7
Protein (Total)	g/dl	188	5.8	0.4	0.04	4.9-6.7	6.1	0.7
Sodium	mEq/L	164	138.8	4.4	0.42	130.1-147.5	142	0.7
SGPT/ALT	U/L	191	30.8	4.6	0.41	21.7-39.9	31	0.0
SGOT/AST	U/L	191	31.9	4.6	0.42	22.7-41.1	32	0.0
Triglyceride	mg/dL	186	92.5	8.7	0.80	75.1-109.9	88	-0.5
Urea	mg/dL	194	44.0	5.3	0.48	33.5-54.5	40	-0.8
Uric Acid	mg/dl	192	5.7	0.6	0.06	4.5-7.0	6.5	1.2
Chloride	mEq/L	41	99.5	5.0	0.98	89.5-109.6	100	0.1
Phosphorus	mg/dL	41	4.5	0.4	0.07	3.7-5.4	4.3	-0.5
Magnesium	mg/dl	19	2.2	0.2	0.07	1.7-2.6	.	-
Iron	µg/dL	32	115.1	15.7	3.48	83.6-146.6	148	2.1
Amylase	U/L	33	74.6	13.2	2.88	48.1-101.0	.	-
CK	U/L	21	189.4	44.8	12.22	99.8-279.0	.	-

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	{ } Not Reported	(#)Late Result	(S)Reported in
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: SV

Programme Director

Dr.Bandana Mehrotra

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
ALL ANALYSER SUMMARY REPORT - JUNE 2022



Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 17/06/2022
PT item Lyophilized Whole blood Date of Report Published 07/07/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Year Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	129	7.02	4.34	0.30			0.05
			Beckman AU480/680/5800/DXC700AU	31	7.12	4.49	0.32			0.11
			Any Analyser	279	7.61	11.27	0.86	7.7 %	0.10	0.10

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS:
REDCLIFFE LIFETECH PVT LTD
41/2, POCKET NO.2, VIVEK VIHAR, GMS ROAD,
DEHRADUN
UTTARAKHAND,248001

Coordinator Contact details:
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Contact Number: 0416-2283102

Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
ALL ANALYSER SUMMARY REPORT - MAY 2022



PC-1024

Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 14/05/2022
PT item Lyophilized Whole blood Date of Report Published 08/06/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	124	6.90	4.55	0.31			0.06
			Beckman AU480/680/5800/DXC700AU	29	7.24	6.15	0.44			0.17
			Any Analyser	272	7.66	12.08	0.92	7.2 %	-0.50	0.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
ALL ANALYSER SUMMARY REPORT - APRIL 2022



PC-1024

Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 19/04/2022
PT item Lyophilized Whole blood Date of Report Published 05/05/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	121	5.99	5.01	0.30			0.05
			Beckman AU480/680/5800/DXC700AU	31	6.17	7.96	0.49			0.18
			Any Analyser	279	6.67	13.32	0.89	7.7 %	1.16	0.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS:
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Contact Number: 0416-2283102

Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.
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***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

ALL ANALYSER SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 17/03/2022
PT item Lyophilized Whole blood Date of Report Published 06/04/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	121	7.19	4.55	0.33			0.06
			Beckman AU480/680/5800/DXC700AU	28	7.41	8.01	0.59			0.22
			Any Analyser	212	7.85	10.56	0.83	8.2 %	0.42	0.11

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS:
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***** End of Report *****



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

ALL ANALYSER SUMMARY REPORT - FEBRUARY 2022



PC-1024

Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 11/02/2022
PT item Lyophilized Whole blood Date of Report Published 05/03/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	116	9.83	4.54	0.45			0.08
			Beckman AU480/680/5800/DXC700AU	28	10.23	10.01	1.02			0.39
			Any Analyser	232	10.62	17.04	1.81	10 %	-0.34	0.24

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

ALL ANALYSER SUMMARY REPORT - JANUARY 2022



PC-1024

Lab Name REDCLIFFE LIFETECH PVT LTD Lab No 15554
Constituent Group HbA1c Date of Result Entered 19/01/2022
PT item Lyophilized Whole blood Date of Report Published 07/02/2022

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Year Value	SDI	U
						CV	SD			
1	HbA1c	Turbidimetric Inhibition Immunoassay	Roche C111, C311, Integra 400 plus, C501, C502, C702	106	5.43	8.22	0.45			0.09
			Beckman AU480/680/5800/DXC700AU	24	5.62	9.29	0.52			0.21
			Any Analyser	219	6.33	14.12	0.89	7.9 %	1.76	0.12

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

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Christian Medical College, Vellore

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CMC EQAS does not sub contract any components
***** End of Report *****