



# CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

## DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

### MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 6492

LAB NAME: SEA BIRD MEDICARE KOCHI

CONSTITUENT GROUP™

Chemistry I

PT Item: Lyophilized human serum based

Date of Result Entered: 10/08/2024

Date of Result Published: 02/09/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	238	175.15	6.42	11.25	173.28 mg/dL	-0.17	1.46
2	UREA	Urease UV / GLDH	Agape	254	95.75	6.97	6.67	103.05 mg/dL	1.09	0.84
3	CREATININE	Enzymatic Colorimetric	Agape	102	3.9	9.51	0.37	3.73 mg/dL	-0.46	0.07
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Agape	226	4.01	9.61	0.39	3.76 mg/dL	-0.64	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	246	5.21	6.45	0.34	4.73 g/dL	-1.41	0.04
6	ALBUMIN	BCG - colorimetric	Agape	235	3.4	7.98	0.27	3.26 g/dL	-0.52	0.04
7	CALCIUM	Arsenazo III	Agape	189	9.71	6.19	0.6	9.75 mg/dL	0.07	0.09
8	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	252	5.7	7.65	0.44	5.54 mg/dL	-0.36	0.05
9	CHOLESTEROL	CHOD-PAP	Agape	263	98.51	8.59	8.47	91.31 mg/dL	-0.85	1.04
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	247	164.78	6.91	11.39	156.95 mg/dL	-0.69	1.45
11	HDL	Direct method / Enzymatic colorimetric	Agape	219	24.25	7.58	1.84	25.88 mg/dL	0.89	0.25
12	AST	UV kinetic(with & without PLP (P-5-P))	Agape	249	52.12	12.66	6.6	56.42 U/L	0.65	0.84
13	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	250	101.13	20.17	20.39	122 U/L	1.02	2.58
14	ALP	PNP AMP kinetic	Agape	144	124.11	18.19	22.57	140.42 U/L	0.72	3.76



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LAB NO: 6492

LAB NAME: **SEA BIRD MEDICARE KOCHI**

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**HbA1c**

PT Item: Lyophilized human whole blood based

Date of Result Entered: 10/08/2024

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S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	398	6.25	11.14	0.7	6.78 %	0.76	0.07

u\* - method of uncertainty

Z-Score	Interpretation
$ z  \leq 2.0$	Acceptable
$2.0 <  z  < 3.0$	Warning Signal
$ z  \geq 3.0$	Unacceptable (Action Signal)

#### LAB ADDRESS

SEA BIRD MEDICARE KOCHI,  
2ND FLOOR AREEKAL MANSION, OPP.  
MALAYALA MANORAMA, PANAMPILLY NAGAR,  
Kochi,

#### Coordinator Contact Details:

E-Mail: [clinqc@cmcvellore.ac.in](mailto:clinqc@cmcvellore.ac.in)  
Contact No.: 0416-2283102

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 \*\*\*\*\*

*Pamela Christudoss*

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



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						CV	SDPA			
1	D.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Agape	88	0.32	21.33	0.07	0.28 mg/dL	-0.57	0.01

u\* - method of uncertainty

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