

VIEW LAB MONTHLY SUMMARY

Lab Name MEHLA CLINICAL LABORATORY
Lab No 13364
Month February
Year 2024
Constituent Group Chemistry II

[Details About Robust Analysis](#)
[Detail About Monthly Summary](#)
[Detail about Z-Score](#)

Click on the analyte to view Graphical Data

Date of Result Entered : 12/02/2024

Date of Report Published : 05/03/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1627	96.57	9.21	8.90	95 mg/dL	-0.18	0.44
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1168	26.64	15.95	4.25	24 mg/dL	-0.62	0.25
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1273	2.26	12.99	0.29	2.5 mg/dL	0.82	0.02
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1130	1.76	16.01	0.28	1.6 mg/dL	-0.57	0.02
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1322	5.99	9.60	0.57	5.9 g/dL	-0.16	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1294	3.61	9.21	0.33	3.7 g/dL	0.27	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1499	5.37	17.70	0.95	4.5 mg/dL	-0.91	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1685	125.93	11.88	14.96	125 mg/dL	-0.06	0.73
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1488	159.25	13.19	21.01	166 mg/dL	0.32	1.09

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)

Links

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Lab Name MEHLA CLINICAL LABORATORY
 Lab No 13364
 Month January
 Year 2024
 Constituent Group Chemistry II

Details About Robust Analysis
 Detail About Monthly Summary
 Detail about Z-Score

Click on the analyte to view Graphical Data

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Date of Result Entered : 11/01/2024

Date of Report Published : 06/02/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z score	
						CV	SDPA			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1480	151.16	9.82	14.84	177 mg/dL	1.74	0.77
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	992	46.22	11.22	5.18	55 mg/dL	1.69	0.33
3	CREATININE II	Jaffes Kinetic-Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1130	1.67	12.25	0.20	1.6 mg/dL	-0.34	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1042	3.41	12.84	0.44	3.1 mg/dL	-0.71	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1105	5.12	9.00	0.46	5 g/dL	-0.26	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1176	3.10	9.86	0.31	2.7 g/dL	-1.31	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1217	7.71	11.58	0.89	7.9 mg/dL	0.21	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1312	104.57	9.94	10.40	100 mg/dL	-0.44	0.57
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1178	145.99	11.26	16.44	140 mg/dL	-0.36	0.96

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)

Links

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CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - DECEMBER 2023



PC-1024

Lab Name MEHLA CLINICAL LABORATORY

Lab No

13364

Constituent Group Chemistry II

Date of Result Entered :

11/12/2023

PT item Lyophilized human serum based

Date of Report Published :

02/01/2024

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1639	102.89	9.66	9.94	110 mg/dL	0.72	0.49
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1051	110.09	12.91	14.22	105 mg/dL	-0.36	0.88
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1228	1.79	12.56	0.22	1.3 mg/dL	-2.18	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1302	4.67	13.51	0.63	4.67 mg/dL	0.00	0.03
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1278	5.22	10.56	0.55	4.5 g/dL	-1.31	0.03
6	ALBUMIN II	BCG - Colorimetric II	Any Analyser (Automation / Semi Automation)	1248	3.16	10.10	0.32	3 g/dL	-0.50	0.02
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1382	5.59	15.59	0.87	5.2 mg/dL	-0.45	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1470	106.78	10.69	11.42	105 mg/dL	-0.16	0.60
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1327	144.29	12.48	18.01	128 mg/dL	-0.90	0.99

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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***** End of Report *****