

VIEW LAB MONTHLY ALL RESULT SUMMARY

Lab Name **IMPULSE DIAGNOSTICS**

Lab No **14869**

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Month **July**

Year **2021**

**Print**

Constituent Group **Chemistry I**

Date of Result Entered : **20/07/2021**

Date of Report Published : **02/08/2021**

Sl.No	Constituent Name	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	288	100.02	4.77	4.78			0.56
			Beckman AU480/680/5800/DXC700AU	143	101.70	4.90	4.98			0.83
			Siemens ( Advia Series / Dimension Series )	86	100.87	5.02	5.07	85 mg/dl	<b>-3.13</b>	1.09
			Any Analyser (Automation / Semi Automation )	63	99.32	6.27	6.23			1.57
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	138.31	5.49	7.59			0.87
			Beckman AU480/680/5800/DXC700AU	170	143.41	5.24	7.52			1.15
			Siemens ( Advia Series / Dimension Series )	107	144.68	5.78	8.37	144 mg/dl	<b>-0.08</b>	1.62
			Mindray	184	139.16	8.90	12.39			1.83
			Biosystems	222	131.85	7.79	10.27			1.38
			Transasia / Erba	821	140.52	8.14	11.44			0.80
			Agape	130	138.04	7.66	10.57			1.85
			Randox rX Series	47	144.16	7.50	10.81			3.15
			CPC ( Turbochem 100 / 240 Prime	81	138.67	10.17	14.10			3.13
			Any Analyser (Automation / Semi Automation )	573	137.38	10.95	15.04			1.26
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	249	8.21	4.93	0.40			0.05
			Beckman AU480/680/5800/DXC700AU	122	8.08	5.96	0.48			0.09
			Siemens ( Advia Series / Dimension Series )	99	8.37	5.24	0.44	8.57 mg/dl	<b>0.46</b>	0.09
			Mindray	99	7.56	10.47	0.79			0.16
			Biosystems	162	7.62	9.35	0.71			0.11
			Transasia / Erba	432	7.67	9.70	0.74			0.07
			Agape	69	7.08	10.71	0.76			0.18
			Randox rX Series	30	7.08	6.28	0.44			0.16
			CPC ( Turbochem 100 / 240 Prime	70	7.60	12.41	0.94			0.23
			Any Analyser (Automation / Semi Automation )	482	7.60	12.25	0.93			0.08
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) /	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	5.44	4.80	0.26			0.03

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			Beckman AU480/680/5800/DXC700AU	148	5.87	4.41	0.26			0.04
			Siemens ( Advia Series / Dimension Series )	106	5.89	5.78	0.34	5.8 mg/dl	-0.26	0.07
			Mindray	152	5.77	9.68	0.56			0.09
			Biosystems	217	5.72	10.61	0.61			0.08
			Transasia / Erba	819	5.87	8.13	0.48			0.03
			Agape	103	5.83	10.86	0.63			0.12
			Randox rX Series	35	6.04	10.15	0.61			0.21
			CPC ( Turbochem 100 / 240 Prime	80	5.85	10.48	0.61			0.14
			Any Analyser (Automation / Semi Automation )	568	5.80	13.03	0.76			0.06
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	4.68	4.79	0.22			0.03
			Beckman AU480/680/5800/DXC700AU	168	4.69	3.58	0.17			0.03
			Siemens ( Advia Series / Dimension Series )	111	4.85	2.85	0.14	4.9 g/dl	0.36	0.03
			Mindray	191	5.11	8.16	0.42			0.06
			Biosystems	241	5.20	7.81	0.41			0.05
			Transasia / Erba	853	5.50	7.98	0.44			0.03
			Agape	138	5.26	6.10	0.32			0.05
			Randox rX Series	48	4.87	7.88	0.38			0.11
			CPC ( Turbochem 100 / 240 Prime	86	5.04	12.27	0.62			0.13
			Any Analyser (Automation / Semi Automation )	691	5.29	11.14	0.59			0.04
6	ALBUMIN	BCP - Bromocresol purple ( colorimetric )	Roche C111, C311, Integra 400 plus, C501, C502, C702	48	3.21	5.40	0.17			0.05
			Siemens ( Advia Series / Dimension Series )	81	3.00	5.37	0.16	2.9 g/dl	-0.62	0.04
7	CALCIUM	OCPC ( O - Cresolphthalein Compleazone )	Siemens ( Advia Series / Dimension Series )	63	10.06	4.47	0.45	10.3 mg/dl	0.53	0.11
			Any Analyser (Automation / Semi Automation )	177	10.20	8.73	0.89			0.13
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	9.04	4.82	0.44			0.05
			Beckman AU480/680/5800/DXC700AU	165	9.23	3.52	0.32			0.05
			Siemens ( Advia Series / Dimension Series )	100	9.02	3.76	0.34	8.6 mg/dl	-1.24	0.07
			Mindray	184	8.95	8.44	0.76			0.11
			Biosystems	235	9.42	8.74	0.82			0.11
			Transasia / Erba	820	9.67	10.41	1.01			0.07
			Agape	130	8.86	12.72	1.13			0.20
			Randox rX Series	47	9.17	6.85	0.63			0.18
			CPC ( Turbochem 100 / 240 Prime	81	8.86	13.52	1.20			0.27
			Any Analyser (Automation / Semi Automation )	672	8.84	13.24	1.17			0.09
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	101.94	4.46	4.55			0.52
			Beckman AU480/680/5800/DXC700AU	165	101.65	5.75	5.84			0.91
			Siemens ( Advia Series / Dimension Series )	107	83.25	8.89	7.40	88 mg/dl	0.64	1.43
			Mindray	192	106.18	8.00	8.50			1.23
			Biosystems	231	105.16	8.66	9.11			1.20
			Transasia / Erba	858	101.60	10.37	10.53			0.72
			Agape	143	100.10	7.88	7.89			1.32
			Randox rX Series	49	109.92	7.50	8.24			2.35
			CPC ( Turbochem 100 / 240 Prime	83	104.92	7.78	8.16			1.79
			Any Analyser (Automation /	678	107.24	11.24	12.06			0.93

			Semi Automation )							
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	233.89	3.77	8.82			1.07
			Beckman AU480/680/5800/DXC700AU	151	225.49	5.04	11.36			1.85
			Siemens ( Advia Series / Dimension Series )	104	229.98	4.17	9.59	224 mg/dl	-0.62	1.88
			Mindray	186	223.30	8.63	19.28			2.83
			Biosystems	207	222.71	9.05	20.15			2.80
			Transasia / Erba	799	208.75	8.36	17.45			1.23
			Agape	137	218.72	8.40	18.37			3.14
			Randox rX Series	48	233.59	4.51	10.54			3.04
			CPC ( Turbochem 100 / 240 Prime	82	216.07	7.91	17.09			3.77
			Any Analyser (Automation / Semi Automation )	635	220.96	11.08	24.48			1.94
11	HDL CHO	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	272	21.51	5.17	1.11			0.13
			Beckman AU480/680/5800/DXC700AU	149	23.65	8.30	1.96			0.32
			Siemens ( Advia Series / Dimension Series )	97	24.84	8.97	2.23	25 mg/dl	0.07	0.45
			Mindray	153	24.58	12.59	3.10			0.50
			Biosystems	151	26.10	15.34	4.00			0.65
			Transasia / Erba	654	25.81	12.23	3.16			0.25
			Agape	119	24.56	15.80	3.88			0.71
			Randox rX Series	41	23.30	9.11	2.12			0.66
			CPC ( Turbochem 100 / 240 Prime	61	24.77	17.30	4.28			1.10
			Any Analyser (Automation / Semi Automation )	456	27.11	18.80	5.10			0.48
12	AST	UV kinetic with PLP ( P-5-P )	Roche C111, C311, Integra 400 plus, C501, C502, C702	110	108.16	13.93	15.07			2.87
			Beckman AU480/680/5800/DXC700AU	70	122.44	10.26	12.56			3.00
			Siemens ( Advia Series / Dimension Series )	83	157.81	8.50	13.41	156 U/L	-0.13	2.94
			Any Analyser (Automation / Semi Automation )	630	108.24	17.71	19.17			1.53
13	ALT	UV kinetic with PLP ( P-5-P )	Roche C111, C311, Integra 400 plus, C501, C502, C702	79	34.47	19.32	6.66			1.50
			Beckman AU480/680/5800/DXC700AU	54	41.88	15.44	6.47			1.76
			Siemens ( Advia Series / Dimension Series )	75	45.30	14.90	6.75	37 U/L	-1.23	1.56
			Any Analyser (Automation / Semi Automation )	447	35.74	18.78	6.71			0.63
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	281	140.96	8.93	12.59			1.50
			Beckman AU480/680/5800/DXC700AU	148	176.74	9.92	17.54			2.88
			Siemens ( Advia Series / Dimension Series )	99	140.15	7.90	11.06	118 U/L	-2.00	2.22
			Mindray	93	164.02	12.07	19.80			4.11
			Biosystems	182	162.34	11.71	19.01			2.82
			Transasia / Erba	667	150.65	15.93	23.99			1.86
			Agape	52	182.11	14.98	27.27			7.56
			Randox rX Series	34	156.31	9.15	14.31			4.91
			CPC ( Turbochem 100 / 240 Prime	57	159.68	12.59	20.10			5.33
			Any Analyser (Automation / Semi Automation )	427	146.72	16.69	24.49			2.37
15	AMYLASE	CNPG3	Beckman AU480/680/5800/DXC700AU	61	105.09	9.93	10.43			2.67
			Siemens ( Advia Series / Dimension Series )	64	114.77	4.31	4.94	109 U/L	-1.17	1.24
			Biosystems	96	111.69	14.38	16.06			3.28
			Transasia / Erba	308	90.80	18.24	16.56			1.89
			Agape	64	101.16	11.02	11.15			2.79

			CPC ( Turbochem 100 / 240 Prime	25	115.10	12.03	13.84			5.54
			Any Analyser (Automation / Semi Automation )	393	111.19	17.02	18.93			1.91
16	IRON	Ferrene ( No Protein Removal )	Siemens ( Advia Series / Dimension Series )	25	182.55	3.31	6.04	181 ug/dl	-0.26	2.42
			Any Analyser (Automation / Semi Automation )	64	188.48	9.21	17.36			4.34

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between $\pm 1.0$ to $\pm 2.0$	Good.
Between $\pm 2.0$ to $\pm 3.0$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

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