VIEW LAB MONTHLY SUMMARY

Lab Name PGM DIAGNOSTIC

Lab No 8451

Month March

Year 2020

Constituent Group Chemistry I

Details About Robust Analysis

Detail About Monthly Summary

Detail about SDI

Click on the analyte to view Graphical Data

All Method Result | Print

Date of Result Entered : 19/03/2020

Date of Report Published : 11/04/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	837	330.85	7.56	25.02	334.3mg/dl	0.14	1.73
2	UREA	UREASE UV / GLDH	Transasia / Erba	750	56.03	8.62	4.83	57 mg/dl	0.20	0.35
3	CREATININE	ENZYMATIC COLORIMETRIC	Biosystems	35	2.85	7.60	0.22	2.9mg/dl	0.23	0.07
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Transasia / Erba	741	2.04	14.89	0.30	2 mg/dl	-0.13	0.02
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	803	5.24	8.00	0.42	4.6 g/dl	-1.53	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	765	3.09	5.67	0.18	3 g/dl	-0.51	0.01
7	CALCIUM	ARSENAZO III	Biosystems	151	8.55	9.95	0.85	4.8mg/dl	--	0.14
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	293	3.01	13.13	0.40	2.5mg/dl	-1.29	0.05
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	756	3.17	15.12	0.48	2.8mg/dl	-0.77	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	810	99.48	9.08	9.03	91.5mg/dl	-0.88	0.63
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	722	83.86	17.17	14.40	80 mg/dl	-0.27	1.07
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	566	24.50	12.78	3.13	23 mg/dl	-0.48	0.26
13	SODIUM	ISE - Indirect	Transasia / Erba	290	130.29	3.81	4.96	262.3mmol/L	26.63	0.58
14	POTASSIUM	ISE - Indirect	Transasia / Erba	285	2.62	6.10	0.16	2.6mmol/L	-0.12	0.02
15	CHLORIDE	ISE - Indirect	Transasia / Erba	197	93.88	5.05	4.74	215.1mmol/L	25.56	0.68
16	AST	OTHERS (Any Other Principles / Methods)	OTHERS (Any other Analyzer)	210	151.66	12.72	19.29	146.5U/L	-0.27	2.66
17	ALT	OTHERS (Any Other Principles / Methods)	OTHERS (Any other Analyzer)	203	118.05	21.50	25.38	144.8U/L	1.05	3.56
18	ALP	PNP AMP KINETIC	Transasia / Erba	656	153.50	15.13	23.22	263 U/L	4.72	1.81

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

Links

https://home.cmcvellore.ac.in/clinqc/ViewMonthlySummary/viewResult2_new.aspx?resDetId=227&noSamples=1&month=3&year=2020&...

LAB MONTHLY SUMMARY

Lab Name	**PGM DIAGNOSTIC**	**Lab No**	**8451**
Month	**July**	**Year**	**2020**
Constituent Group	**Chemistry I**		

Date of Result Entered : 27/07/2020

Date of Report Published : 14/08/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	744	411.54	7.74	31.87	397.5mg/dl	-0.44	2.34
2	UREA	UREASE UV / GLDH	Transasia / Erba	701	95.74	8.94	8.56	94.3mg/dl	-0.17	0.65
3	CREATININE	ENZYMATIC COLORIMETRIC	Biosystems	23	0.89	17.98	0.16	0.74mg/dl	-0.94	0.07
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Transasia / Erba	672	3.97	11.32	0.45	4.34mg/dl	0.82	0.03
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	709	5.49	6.00	0.33	5.15 g/dl	-1.03	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	709	3.24	6.43	0.21	3.14 g/dl	-0.48	0.02
7	CALCIUM	ARSENAZO III	Biosystems	98	11.03	6.19	0.68	7.9mg/dl	-4.6	0.14
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	239	3.55	9.98	0.35	3.28mg/dl	-0.76	0.05
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	634	7.75	9.27	0.72	7.3mg/dl	-0.63	0.06
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	677	101.57	8.83	8.97	85 mg/dl	-1.85	0.69
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	638	207.54	9.47	19.66	195.9mg/dl	-0.59	1.56
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	487	26.51	11.48	3.04	23.5mg/dl	-0.99	0.28
13	SODIUM	ISE - Direct	Transasia / Erba	280	141.05	3.21	4.52	140.1mmol/L	-0.21	0.54
14	POTASSIUM	ISE - Direct	Transasia / Erba	279	3.07	5.60	0.17	3.5mmol/L	2.50	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	186	110.63	4.77	5.27	107.3mmol/L	-0.63	0.77
16	AST	OTHERS (Any Other Principles / Methods)	Any Analyser	196	201.92	15.86	32.03	188.4U/L	-0.42	4.58
17	ALT	OTHERS (Any Other Principles / Methods)	Any Analyser	156	126.26	20.19	25.49	106.2U/L	-0.79	4.08
18	ALP	PNP AMP KINETIC	Transasia / Erba	607	54.66	19.80	10.82	52 U/L	-0.25	0.88

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

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss

Dr. Pamela Christudoss
CMC EQAS Co-Ordinator
Christian Medical College, Vellore

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

LAB MONTHLY SUMMARY

Lab Name PGM DIAGNOSTIC **Lab No** 8451

Month August **Year** 2020

Constituent Group Chemistry I

Date of Result Entered : 20/08/2020

Date of Report Published : 10/09/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	793	115.28	8.92	10.28	110.2mg/dl	-0.49	0.73
2	UREA	UREASE UV / GLDH	Transasia / Erba	767	76.79	8.51	6.53	96.6mg/dl	3.03	0.47
3	CREATININE	ENZYMATIC COLORIMETRIC	Biosystems	24	9.14	8.74	0.80	10.03mg/dl	1.11	0.33
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) VJENDRASSIK	Transasia / Erba	714	5.80	10.34	0.60	6.22mg/dl	0.70	0.04
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	790	5.53	8.12	0.45	5.94 g/dl	0.91	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	782	3.21	6.32	0.20	3.16 g/dl	-0.25	0.01
7	CALCIUM	ARSENAZO III	Biosystems	131	11.10	11.05	1.23	13.2mg/dl	1.71	0.21
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	317	4.73	11.90	0.56	4.36mg/dl	-0.66	0.06
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	707	5.94	8.30	0.49	4.5mg/dl	-2.92	0.04
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	718	102.23	8.96	9.16	125mg/dl	2.48	0.68
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	667	268.59	9.11	24.48	259.8mg/dl	-0.36	1.90
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	502	25.82	11.69	3.02	26.8mg/dl	0.32	0.27
13	SODIUM	ISE - Direct	Transasia / Erba	287	133.65	3.12	4.17	136.6mmol/L	0.71	0.49
14	POTASSIUM	ISE - Direct	Transasia / Erba	287	4.35	4.69	0.20	4.32mmol/L	-0.15	0.02
15	CHLORIDE	ISE - Direct	Transasia / Erba	194	102.55	3.93	4.03	102.8mmol/L	0.06	0.58
16	AST	OTHERS (Any Other Principles / Methods)	Any Analyser	182	44.82	18.55	8.31	33.8 U/L	-1.33	1.23
17	ALT	OTHERS (Any Other Principles / Methods)	Any Analyser	163	254.67	21.63	55.08	288.7U/L	0.62	8.63
18	ALP	PNP AMP KINETIC	Transasia / Erba	689	183.64	18.36	33.71	207 U/L	0.69	2.57

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

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

LAB MONTHLY SUMMARY

Lab Name	PGM DIAGNOSTIC	Lab No	8451
Month	September	Year	2019
Constituent Group	Chemistry I		

Date of Result Entered : 18/09/2019

Date of Report Published : 01/10/2019

Sl.No	Analyte	Method	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	2404	134.6	9.3	12.473	132.5 mg/dl	-0.17	0.509
2	UREA	UREASE-GLDH	2427	58.8	9.0	5.298	61.1 mg/dl	0.43	0.215
3	CREATININE	JAFFES KINETIC	2392	2.3	10.6	0.248	1.9 mg/dl	-1.77	0.010
4	T.BILIRUBIN	JENDRASSIK GROF	2335	2.3	18.5	0.430	1.8 mg/dl	-1.21	0.018
5	T-PROTEIN	BIURET	2758	5.4	10.1	0.545	5.6 g/dl	0.35	0.021
6	ALBUMIN	BCG	2722	3.3	8.5	0.279	3.2 g/dl	-0.25	0.011
7	CALCIUM	ARSENAZO	1482	8.3	10.5	0.875	9.2 mg/dl	1.02	0.045
8	PHOSPHORUS	COLORIMETRIC WITHOUT PRECIPITATION	1275	3.6	17.0	0.620	3.6 mg/dl	-0.06	0.035
9	URIC ACID	ENZYMATIC	2571	3.1	23.9	0.733	2.6 mg/dl	-0.64	0.029
10	CHOLESTEROL	CHOD-PAP	2795	105.2	10.1	10.630	96 mg/dl	-0.86	0.402
11	TRIGLYCERIDE	ENZYMATIC	2586	99.7	17.4	17.335	68.3 mg/dl	-1.81	0.682
12	HDL CHO	DIRECT METHOD	1960	25.7	14.4	3.701	27.2 mg/dl	0.41	0.167
13	SODIUM	ISE	2027	131.5	3.8	4.989	129 mmol/L	-0.51	0.222
14	POTASSIUM	ISE	2028	5.1	5.8	0.295	4.9 mmol/L	-0.61	0.013
15	CHLORIDE	ISE	1485	104.2	4.5	4.650	100.3mmol/L	-0.84	0.241
16	AST	UV KINETIC	2780	38.6	17.2	6.643	34.6 U/L	-0.61	0.252
17	ALT	UV KINETIC	2803	50.0	21.8	10.901	51.3 U/L	0.12	0.412
18	ALP	PNP AMP KINETIC	2111	48.3	22.1	10.672	35 U/L	-1.25	0.465
19	AMYLASE	CNPG3	1427	185.1	24.6	45.453	237 U/L	1.14	2.406

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

Homogeneity and Stability of the sample is passed.

Pamela Christudoss

Dr. Pamela Christudoss
CMC EQAS Co-Ordinator
Christian Medical College, Vellore

Barcode : 08293739

Registration Id :2937
Patient Name : Mr. Jagdish Sailan
Referred by : Dr. Jigar Bhatt
:

Age / Gender : 56 Years / Male
Registered on : 12/10/2020 08:39
Reported on : 18/02/2021 10:19
Sample From : INSIDE LAB

COMPLET BLOOD CHEMISTRY

Test	Result	Unit	Normal Range
S. Cholesterol:	205.0	mg/dl	(110 - 210)
S. Triglyceride:	119.4	mg/dl	(50 - 150)
S.G.O.T.:	26.1	U/L	(6 - 40)
S.G.P.T.:	**41.2**	U/L	(6 - 40)
S. Alkaline Phosphatase:	26.0	U/L	(25 - 147)

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

Printed by : SIND

Dr. Siddharth Yadav
M.D. Consulting Pathologist

ZEAL TO EXCEL

ASAVLEE

Dr. Aparna's Pathology Laboratory

Patient Name : MR JAGDISH SAILAN
Reg No. : 0020430 Age &Sex :56 Years / Male
Referred By : DR JIGAR BHATT

Reg Date :12/10/2020 02:30 pm
Printed Date : 12/10/2020 02:34 pm
Center: ASAVLEE-MAIN LAB

BIOCHEMISTRY

TEST	RESULT	UNITS	REFERENCERANGE
TESTTRIGLYCERIDES			
SampleType	: Serum		
Method	: GPO-PAP		
Result	: 120.0	mg/dl	<150mg/dl
**	: The test Done by Fully Automatic BiochemistryAnalyzer		
SERUM ALBUMIN			
RESULT	: 4.0	GM/DL	3.5-5.2

--- End Of Report ---

Note: Determination of albumin helps in monitoring of a controlled patient dietary supplementation and also serves as an excellent test of liver function.

Aparna

Dr.Aparna Jalram
MD (Path)

Dr Suvarna Deshpande
MD (Path)

PGM

ASAVLEE

Dr. Aparna's Pathology Laboratory

Patient Name : MR JAGDISH SAILAN
Reg No. : 0020430 Age &Sex :56 Years / Male
Referred By : DR JIGAR BHATT

Reg Date :12/10/2020 02:30 pm
Printed Date : 12/10/2020 02:34 pm
Center :ASAVLEE- MAIN LAB

BIOCHEMISTRY

TEST	RESULTS	REFERENCE RANGE
ALKALINE PHOSPHATASE		
SampleType	:Serum	
Method	:IFCC	40-130 U/L
RESULT	: 28.0	
**	: The test done on Fully Automatic BiochemistryAnalyzer	

NOTE:1)Alkalinephosphatase(ALP)referstoafamilyofenzymesthatcatalyzehydrolysisof phosphate esters at an alkaline pH. ALP is present (in decreasing order of abundance) in placenta, intestine, kidney, bone and liver. In adults, more than 80% of serum ALP activity is derived from liver and bone. 2) In late pregnancy, placental ALP is increased.3) In children and adolescents, most serum ALP activity originates in osteoblasts and correlates with the rate of bone growth. The serum half life is seven days. 4) ALP is most useful in diagnosing cholestatic liver diseases. Bile duct obstruction results in increased synthesis of ALP by bile duct epithelial cells and release of ALP into the serum. Alkaline phosphatase may be increased even if only a few small bile ducts are obstructed and serum bilirubin is normal. Serum ALP often exceeds four times the upper limit of normal in extrahepatic and intrahepatic cholestasis. The most common causes of extrahepatic cholestasis are pancreatic cancer, common duct stones and strictures, and primary sclerosing cholangitis. 5) Intrahepatic cholestasis is usually due to primary biliary cirrhosis or drug reactions (erythromycin, chlorpromazine, estrogens, and methyltestosterone). 6) The most common bone disorders associated with elevated ALP are; Paget's disease, osteomalacia, hyperparathyroidism, osteogenic sarcoma, and bone metastases. 7) Low alkaline phosphatase levels have been reported in patients with magnesium deficiency, hypothyroidism, malnutrition, hemolytic anemia, Wilson's Disease, post coronary bypass surgery, estrogen replacement therapy, and congenital hypophosphatasia. 9) Blood transfusion causes transient decreases in ALP, due to chelation of cations bycitrate.

--- End Of Report ---

Dr Suvarna DeshpandeMD(Path)

Dr.Aparna Jairam MD (Path)

ASAVLEE

Dr. Aparna's Pathology Laboratory

Patient Name : **MR JAGDISH SAILAN**
Reg No. : 0020430 Age & Sex : 56 Years / Male
Referred By : DR JIGAR BHATT

Reg Date: 12/10/2020 02:30 pm
Printed Date : 12/10/2020 04:33 pm
Center: ASAVLEE- MAIN LAB

BIOCHEMISTRY

	RESULT	UNITS	REFERENCERANGE
TESTCHOLESTEROL			
Sample Type	: Serum		
Method	: CHOD-PAP		
Result	: 201.0	mg/dl	Desirable: <200 mg/dl Borderline High: 200-239 mg/dl *High: >240 mg/dl*
**	: The test done on Fully Automated Biochemistry Analyzer		
SGOT/AST			
SampleType	: Serum		
Method	: Modified IFCC (without pyridoxal phosphate activator)		
RESULT	: 25.4	IU/L	0-40
**	: The test done on Fully Automatic Biochemistry Analyzer		

Note: Elevated level of serum AST/SGOT is found in hepatobiliary, cardiac, muscle and kidney diseases.

SGPT/ALT			
Sample Type	:Serum		
Method	: Modified IFCC (without pyridoxal phosphate activator)		
Result	: 41.2	IU/L	0-50
**	: The test done on Fully Automatic Biochemistry Analyzer		

Note: Elevated serum ALT/SGPT is found in hepatitis, cirrhosis, obstructive jaundice, hepatocellular carcinoma and chronic alcohol abuse.

--- End Of Report ---

Dr Suvarna Deshpande
MD(Path)

Dr.Aparna Jalram
MD (Path)

Lab Name PGM DIAGNOSTIC Lab No 8451

Month October Year 2020

Constituent Group Chemistry I

Date of Result Entered : 15/10/2020

Date of Report Published : 09/11/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	GOD-POD	Transasia / Erba	819	177.50	7.25	12.87	179.7mg/dl	0.17	0.90
2	UREA	UREASE UV / GLDH	Transasia / Erba	725	119.77	8.48	10.16	119.4mg/dl	-0.04	0.75
3	CREATININE	ENZYMATIC COLORIMETRIC	Biosystems	27	4.85	10.59	0.51	5 mg/dl	0.29	0.20
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) /JENDRASSIK	Transasia / Erba	740	3.63	10.23	0.37	4.35mg/dl	1.94	0.03
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	752	5.10	6.84	0.35	5 g/dl	-0.29	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	794	3.00	5.70	0.17	2.9 g/dl	-0.58	0.01
7	CALCIUM	ARSENAZO III	Biosystems	130	9.54	9.06	0.86	10.8mg/dl	1.46	0.15
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	286	5.05	9.71	0.49	5 mg/dl	-0.10	0.06
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	723	4.07	11.55	0.47	4.5mg/dl	0.91	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	769	93.28	9.85	9.18	90 mg/dl	-0.36	0.66
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	702	166.63	10.16	16.93	164.5mg/dl	-0.13	1.28
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	541	23.53	11.16	2.63	21.7mg/dl	-0.70	0.23
13	SODIUM	ISE - Direct	Transasia / Erba	282	128.91	3.39	4.37	127.2mmol/L	-0.39	0.52
14	POTASSIUM	ISE - Direct	Transasia / Erba	276	5.44	4.43	0.24	5.3mmol/L	-0.58	0.03
15	CHLORIDE	ISE - Direct	Transasia / Erba	211	108.27	4.25	4.60	104mmol/L	-0.93	0.63
16	AST	OTHERS (Any Other Principles / Methods)	Any Analyser	235	55.70	16.02	8.93	52.3 U/L	-0.38	1.16
17	ALT	OTHERS (Any Other Principles / Methods)	Any Analyser	177	172.77	17.57	30.35	209.4U/L	1.21	4.56
18	ALP	PNP AMP KINETIC	Transasia / Erba	640	48.98	20.11	9.85	53 U/L	0.41	0.78

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

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss

Dr. Pamela Christudoss