

## CHRISTIAN MEDICAL COLLEGE

CMC EXTERNAL QUALITY ASSURANCE SCHEME

### 2021 EQAS YEARLY SUMMARY

*The yearly summary is based on the overall mean SDI of every analyte. The groups are made depending upon the number of results received for every individual analyte. The rank is mentioned for every analyte within the group. This modification in the yearly summary is done with the guidelines provided by NABL during the assessment for accreditation.*

Group I : Laboratories who reported 10 to 12 months during 2021

Group II : Laboratories who reported 6 to 9 months during 2021

Group III : Laboratories who reported less than 6 months during 2021

SLNo	Parameter	Rank Group	No of Labs	OMSDI	Grade
1	GLUCOSE	Group I	2977	0.43	A
2	UREA	Group I	2930	0.24	A
3	CREATININE	Group I	2896	0.74	A
4	T.BILIRUBIN	Group I	2833	0.88	A
5	T-PROTEIN	Group I	2871	0.35	A
6	ALBUMIN	Group I	2824	0.43	A
7	CALCIUM	Group I	2291	0.70	A
8	PHOSPHORUS	Group I	1611	0.56	A
9	URIC ACID	Group I	2780	0.63	A
10	CHOLESTEROL	Group I	2880	0.49	A
11	TRIGLYCERIDE	Group I	2759	0.70	A
12	HDL CHO	Group I	2333	0.85	A
13	SODIUM	Group I	2168	0.26	A
14	POTASSIUM	Group I	2176	0.46	A
15	CHLORIDE	Group I	1702	0.86	A
16	AST	Group I	2794	0.66	A
17	ALT	Group I	2807	0.67	A
18	ALP	Group I	2704	0.43	A
19	AMYLASE	Group I	1563	0.34	A

Only first 2 Groups are Graded

OMSDI Range	Grade	Remarks
0.00 to 1.00	A	Excellent
1.01 to 2.00	B	Good
2.01 to 2.99	C	Satisfactory
Beyond $\pm 3.00$	D	Unacceptpable

Your Lab No 0570

Constituent Group Chemistry I

Address

DR. ALKA SACHDEVA ,  
SACHDEVA DIAGNOSTIC PVT.LTD ,  
E-991, SARASWATI VIHAR ,  
DELHI ,  
DELHI ,110034 .

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# CHRISTIAN MEDICAL COLLEGE

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



Lab Name: SACHDEVA DIAGNOSTIC PVT.LTD  
Constituent Group: Chemistry I  
PT item: Lyophilized Serum

Lab No: 0570  
Date of Result Entered: 15/04/2022  
Date of Report Published: 05/05/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	734	221.19	7.44	16.45	225 mg/dL	0.23	1.21
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	616	37.69	10.60	4.00	38 mg/dL	0.08	0.32
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	336	4.90	10.54	0.52	5.2 mg/dL	0.58	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	599	2.95	13.65	0.40	3.4 mg/dL	1.12	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	703	5.52	8.67	0.48	5 g/dL	-1.09	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	704	3.37	8.33	0.28	3.5 g/dL	0.46	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	549	10.54	7.61	0.80	9.2 mg/dL	-1.67	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	386	5.92	11.34	0.67	5.6 mg/dL	-0.48	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	760	6.92	12.75	0.88	3.8 mg/dL	-3.54	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	731	111.91	8.33	9.32	112 mg/dL	0.01	0.69
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	697	130.06	10.64	13.84	123 mg/dL	-0.51	1.05
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	496	28.33	16.45	4.66	27 mg/dL	-0.29	0.42
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	986	135.62	2.99	4.05	136 mmol/L	0.09	0.26
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	958	3.94	5.03	0.20	3.9 mmol/L	-0.20	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	739	105.68	3.86	4.08	101 mmol/L	-1.15	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	605	112.52	12.06	13.56	106 U/L	-0.48	1.10
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	599	55.40	18.96	10.50	51 U/L	-0.42	0.86
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	546	122.31	19.12	23.39	96 U/L	-1.12	2.00
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	488	82.45	19.42	16.01	77.7 U/L	-0.30	1.45

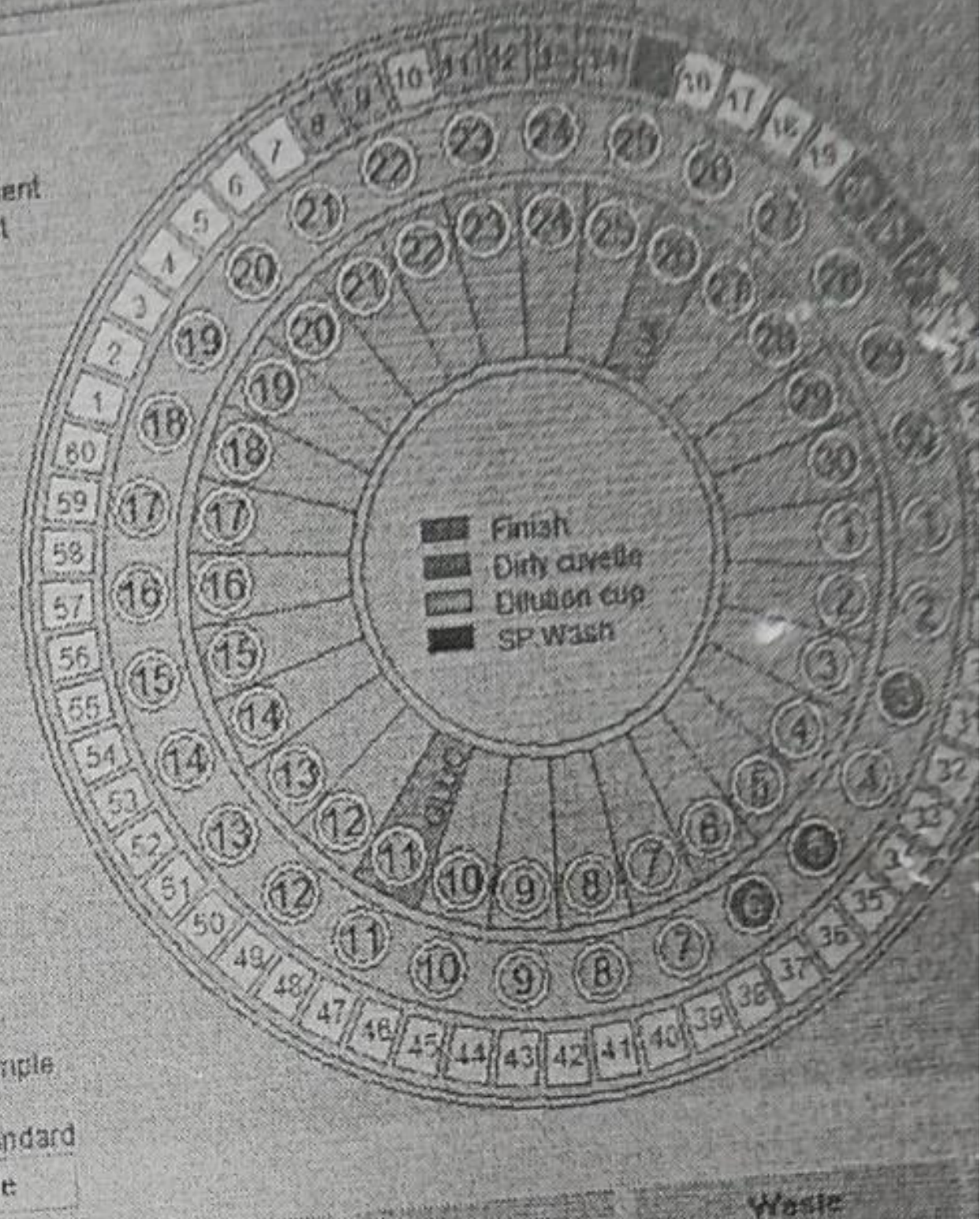
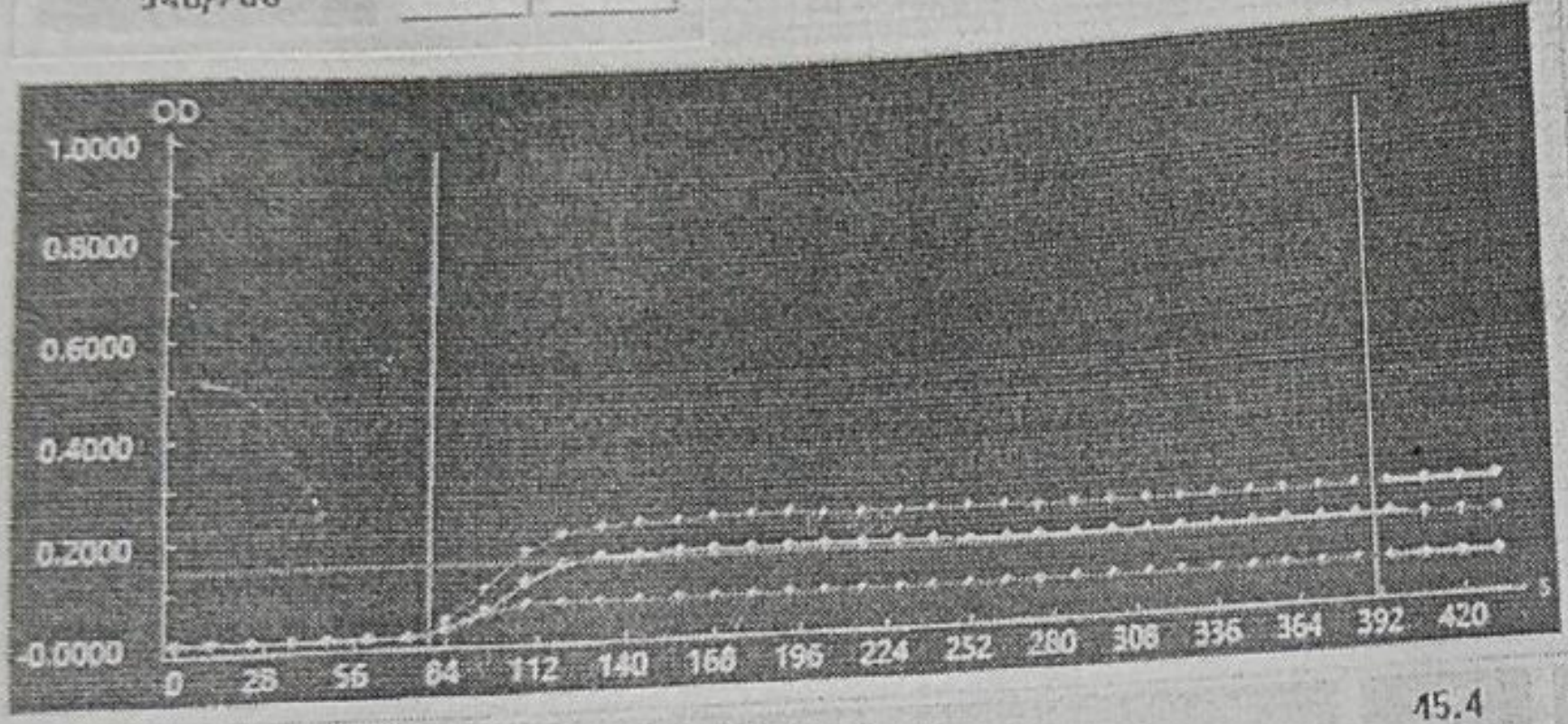
SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.

*Do returned sample for once all*

Pure Pixel®

Patent ID	ctac retain sample	Sample Pos.	6
Cuvette No	22	Test name	UA
R1 Position	26	R2 Position	
Incub time [sec]	300	Reading time [sec]	36
Absorbance	0.1408	Result	5.80
State			

Filter information  
546/700



Operate prompt 45.4 COM3 Distilled water Waste  
AutoQuant? Administrator Operator Admin 05/12/2022 AM 12:46  
2022.05.12 12:46

Uric Acid

Repeat value of retain sample = 5.80

$$\text{new SDI} = \frac{5.80 - 6.92}{0.88}$$

$$\text{new SDI} = 1.27$$

*Handwritten signature/initials*