



Kopran

Date: 14th May,2024

CALIBRATION CERTIFICATE

This is to certify that Beckman Coulter Model DXC 700 AU (Sr. No. 2022072830), installed at ESIC Medical College & PGIMSR, ESI Hospital Main Road, Rajajinagar, has been calibrated and alignment verification done as per the standard procedure.

**The Calibration is valid from 14th May 2024 to 13th November 2024
Next due date for calibration - 14th November 2024**

For Kopran Laboratories Limited

Authorised Signatory



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Kopran

Date:-14th May, 2024

ESIC Medical College & PGIMS
Rajajinagar
Bangalore- 560010

Instrument: DXC700AU
Calibration Device: LED Checker
Serial No: 2022072830

Model- DXC700AU

ITEM	Expected Range	Calibrated Value
Sample Probe Vertical Motion	24+/-3 Pulses	25 Pulses
Sample Probe Horizontal Motion	0+/-10 Pulses	6 Pulses
Reagent Probe(R1) Vertical Motion	24+/-3 Pulses	24 Pulses
Reagent Probe(R2) Horizontal Motion	0+/-10 Pulses	5 Pulses
Reagent Probe(R1) Horizontal Motion	0+/-10 Pulses	6 Pulses
Reagent Tray Rotation Calibration	20+/-5 Pulses	23 Pulses
Stat Table Rotation Calibration	14+/-2 Pulses	14 Pulses
Cuvette Wheel Rotation Calibration	15+/-5 Pulses	16 Pulses
Mixer Home Position Calibration	13+/-2 Pulses	12 Pulses
Photocal Value For Cuvettes(Mean Check Range)	0.1	Passed
Photocal Value For Cuvettes(Abs Check Range)	0.03	Passed
Incubation(GA Unit) Temp	37.0+/-0.5°C	37°C
Reagent Chamber(DA Unit)Coolant Temp	8-12°C	8-12°C
Stat Table Temp	8-12°C	8-12°C

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Sample Name Sample ID	Type	Run Date/Time	Cup Position	Lot No. Kind No.-Seq. No.			
Test Name	Results	Low	High	Flags	R1(R1-1)	R1(R1-2)	R2(R2-1)
BECKMAN SYSTEM CAL	Serum	05/14/2024 08:42:26	0001 -01	1123 1			
CREAT -1	0.0253				2706 5403	2706 5350	
CREAT -2	0.0280				2706 5403	2706 5350	
CKMB QC 1	Serum	05/14/2024 09:08:32	0001 -07	1054A 7			
CKMB - 7	32.06				2677 6914	2677 6111	
CKMB QC 2	Serum	05/14/2024 09:08:36	0001 -08	1054A 8			
CKMB - 8	134.51				2677 6914	2677 6111	
BR 1	Serum	05/14/2024 09:11:01	0001 -09	89731 9			
GLU - 9	68				2636 H614	2636 H734	
UREA - 9	32.9				2633 I472	2633 H915	
CREAT - 9	2.10				2706 5403	2706 5350	
UA - 9	4.47				2602 C634	2602 C234	
CA - 9	9.53				2548 2751		
PHOS - 9	3.33				2586 3929	2586 4148	
MG - 9	2.08				2689 A707		
AMY2N - 9	83.8				2594 B096	2594 B095	
LIPASE- 9	49.83						
TBILC - 9	1.32				2604 H977		
DBILC - 9	0.40				2620 0813		
TP - 9	6.83				2615 K310	2615 J312	
ALB - 9	4.13				2585 D818		
AST - 9	50.0				2564 D592	2564 D098	
ALT - 9	28.7				2619 5714	2619 5552	
ALP - 9	134.1				2607 M684	2607 M520	
GGT - 9	62.3				2582 B139	2582 B006	
TRIGL - 9	152.0				2622 2062	2622 2077	
HDL - 9	86.2				2484 9037	2484 8860	
LDL - 9	105.4				2540 3630	2540 3709	
CPK - 9	166.1				2674 4641	2674 5336	
LDH3N - 9	122.7				2588 6775	2588 6785	
FE-1N - 9	225.4				2597 5457	2597 5505	
UBC1N - 9	129.1				2735 2990	2735 3024	
TRF1G - 9	239.4				2578 9485	2578 9236	
BR 2	Serum	05/14/2024 09:13:03	0001 -10	89732 10			
GLU -10	241				2636 H614	2636 H734	
UREA -10	93.3				2633 I472	2633 H915	
CREAT -10	5.38				2706 5403	2706 5350	
UA -10	10.11				2602 C634	2602 C234	
CA -10	12.15				2548 2751		
PHOS -10	6.93				2586 3929	2586 4148	
MG -10	4.14				2689 A707		
AMY2N -10	391.9				2594 B096	2594 B095	
LIPASE-10	98.05						
TBILC -10	4.74				2604 H977		
DBILC -10	1.64				2620 0813		
TP -10	4.21				2615 K310	2615 J312	
ALB -10	2.51				2585 D818		
AST -10	214.5				2564 D592	2564 D098	
ALT -10	102.5				2619 5714	2619 5552	
ALP -10	542.2				2607 M684	2607 M520	
GGT -10	162.9				2582 B139	2582 B006	
TRIGL -10	86.0				2622 2062	2622 2077	
HDL -10	29.1				2484 9037	2484 8860	
LDL -10	53.1				2540 3630	2540 3709	
CPK -10	598.8				2674 4641	2674 5336	
LDH3N -10	312.4				2588 6775	2588 6785	
FE-1N -10	64.3				2597 5457	2597 5505	
UBC1N -10	147.2				2735 2990	2735 3024	
TRF1G -10	159.6				2578 9485	2578 9236	
URINE QC 1	Urine	05/14/2024 09:14:20	0006 -01	97421 51			
UREA - 1	1196.49				2633 I472	2633 H915	
CREAT - 1	70.71				2706 5403	2706 5350	
UA - 1	11.58				2602 C634	2602 C234	
CA - 1	7.43				2548 2751		

Sample Name		Type		Run Date/Time		Cup Position		Lot No.	
Sample ID								Kind No.-Seq. No.	
Test Name	Results	Low	High	Flags	R1(R1-1)	R1(R1-2)	R2(R2-1)		
URINE QC 1			Urine	05/14/2024 09:14:20	0006	-01	97421		
							51		
PHOS - 1	21.78			, , ,	2586 3929	2586 4148			
MG - 1	4.29			, , ,	2689 A707				
UCSFP - 1	20.16			, , ,					
MALB - 1	2.85			, , ,	2377 3878	2377 3883			
URINE QC 2			Urine	05/14/2024 09:15:23	0006	-02	97422		
							52		
UREA - 2	1934.68			, , ,	2633 I472	2633 H915			
CREAT - 2	158.90			, , ,	2706 5403	2706 5350			
UA - 2	18.97			, , ,	2602 C634	2602 C234			
CA - 2	11.55			, , ,	2548 2751				
PHOS - 2	46.32			, , ,	2586 3929	2586 4148			
MG - 2	9.08			, , ,	2689 A707				
UCSFP - 2	63.44			, , ,					
MALB - 2	9.62			, , ,	2377 3878	2377 3883			
BR 1			Serum	05/14/2024 10:17:15	0001	-09	89731		
							9		
CPK - 9	146.4			, , ,	2674 4641	2674 5336			
BR 2			Serum	05/14/2024 10:17:19	0001	-10	89732		
							10		
CPK - 10	568.5			, , ,	2674 4641	2674 5336			