

## 5. Proficiency Testing

Participation in PT //EQAS/ any other Inter Laboratory Comparison

Sl. no.	Product/ Material	Details of Test(s)/ examination	Date of Testing/ examination	Organizing body	Performance in terms of z score or any other criteria	Corrective action taken (if required)			
01	Human whole Blood	WBC RBC Hemoglobin HCT MCV MCH MCHC Platelet Count	04/05/2019	ISHTM – AIIMS Eternal Quality Assurance Programme Room No. 209 Hematology Dept 2 <sup>nd</sup> Floor, New Private Ward Building, AIIMS New Delhi – 110029 LAB NO : 806	<b>APRIL – 2019 (147 – B)</b>				
					Tests	Result - 1	Result - 2		Z Score
					WBC x 10 <sup>3</sup> / µl	10.8	10.7		2.88
					RBC x 10 <sup>6</sup> / µl	3.65	3.60		-1.47
					Hb g/dl	11.1	11.1		-0.45
					HCT %	33.5	32.9		-1.07
					MCV – fl	91.8	91.5		-0.72
					MCH – Pg	30.8	30.4		0.98
					MCHC – g/dl	33.7	33.1		1.16
					Platelet Count x 10 <sup>3</sup> / µl	213	200		0.2
02	Lyophilized human serum	Glucose Blood Urea Creatinine Total Protein Albumin Total cholesterol SGOT SGPT Alkaline Phosphatase	11/09/2019	CMC, EQAS Department of Clinical Biochemistry Cristian Medical College Vellore – 632004  LAB NO : 1863	<b>SEPT – 2019</b>				
					Tests	Result	SDI		
					Glucose	110 mg/dl	-1.97		
					Blood Urea	62 mg/dl	0.60		
					Creatinine	2.5 mg/dl	1.07		
					Total Protein	5.1 g/dl	-0.57		
					Albumin	4 g/dl	2.62		
					cholesterol	115 mg/dl	0.92		
					SGOT	32 U/L	-1.00		
					SGPT	43 U/L	-0.64		
ALP	84 U/L	0.60							
<b>SDI RANGE</b>			<b>Interpretation</b>						
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.						

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 155	Application Form and Checklist for Quality Assurance Scheme for Basic Composite Medical Laboratories (Entry Level)			
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