



**PROFICIENCY TESTING REPORT**  
**ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME**  
 NABL accredited program as per ISO/IEC 17043:2010 standard  
 Organized By Department of Hematology, AIIMS, New Delhi-110029



*Duration of stability testing - minimum upto 8 days at ambient temp. after dispatch of specimens*

EQAP CODE No. : 2921

Distribution No.: 163-G

Month/Year: March/2024

Instrument ID: HORIBA

Model Name.: YUMIZEN H550

Serial No.: 109YAXH03504

Name & Contact No. of PT Co-ordinator: Dr. Manoranjan Mahapatra ( Prof. & Head), Hematology, AIIMS, Delhi,  
 Tel: 9013085730 , E-Mail : info@ishtmaiimseqap.com

Date of issue &amp; status of the report: 14-05-2024[Final].

### CBC and Retic Assessment

Test Parameters	S.No.	Among Lab (Accuracy Testing)						Within Lab (Precision Testing)			
		Your Result 1	Your Result 2	Your Results Sum of 2 Value	Consensus result sum of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	Yours Results Diff. of 2 Values	Consensus Result Diff. of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score
WBC x10 <sup>3</sup> /µl	1	2.85	2.09	4.94	9.1	0.039	-4.97	0.76	0.1	0.007	6.36
RBC x10 <sup>6</sup> /µl	1	4.03	4	8.03	8.4	0.009	-1.72	0.03	0.03	0.002	0.00
Hb g/dl	1	12.6	12.5	25.1	25	0.024	0.18	0.1	0.1	0.008	0.00
HCT%	1	38	37.5	75.5	82.2	0.177	-1.42	0.5	0.4	0.024	0.34
MCV-fl	1	94.3	93.6	187.9	196	0.363	-0.87	0.7	0.3	0.024	1.08
MCH-Pg	1	31.3	31.2	62.5	59.5	0.074	1.84	0.1	0.2	0.017	-0.34
MCHC-g/dl	1	33.3	33.2	66.5	60.4	0.137	1.70	0.1	0.3	0.019	-0.67
Plt. x10 <sup>3</sup> /µl	1	360	341	701	731	2.497	-0.47	19	8	0.537	1.35
Retic %	2	2.6	1.4	4	12.25	0.224	-1.40	1.2	0.5	0.033	1.18

### P.S . Assesment

YOUR REPORT			CONSENSUS REPORT		
DLC%	3	Nrbcs=0 , Poly=62 L=12, E=04, Mono/Promono=02 , B1=0 P.M.=0, Mye=01, Meta=05, Other=NIL	Poly: 62.75 - 75, Lympho: 6 - 11, Myelo: 2 - 9.5, Meta: 2 - 8, Eosino: 2-4, Mono: 1-4, Promyelo/Blast/Baso: 0-5		
RBC Morphology	3	NORMOCYTIC NORMOCHROMIC	Predominantly: Normocytic/Normochromic; Mild: Anisocytosis, Poikilocytosis, Macrocytes, Tear drop cells		
Diagnosis	3	NEUTROPHILIA AND LEUCOCYTOSIS.	Chronic Myeloid Leukemia (Chronic Phase)		



**PROFICIENCY TESTING REPORT**  
**ISHTM-AIIMS EXTERNAL QUALITY ASSURANCE PROGRAMME**  
 NABL accredited program as per ISO/IEC 17043:2010 standard  
 Organized By Department of Hematology, AIIMS, New Delhi-110029

Duration of stability testing - minimum upto 8 days at ambient temp. after dispatch of specimens

EQAP CODE No. : 2921

Distribution No.: 164-G

Month/Year: June/2024

Instrument ID: HORIBA medical

Model Name.: YUMIZEN H550

Serial No.: 109YAXH03504

Name & Contact No. of PT Co-ordinator: Dr. Manoranjan Mahapatra ( Prof. & Head), Hematology, AIIMS, Delhi,  
 Tel: 9013085730 , E-Mail : info@ishtmaiimseqap.com

Date of issue &amp; status of the report: 14-08-2024[Final].

### CBC and Retic Assessment

Test Parameters	S.No.	Among Lab (Accuracy Testing)						Within Lab (Precision Testing)				
		Your Result 1	Your Result 2	Your Results Sum of 2 Value	Consensus result sum of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	Yours Results Diff. of 2 Values	Consensus Result Diff. of 2 values (Assigned Value)	Uncertainty of Assigned Values	Z Score	
WBC x10 <sup>3</sup> /µl	1	5.66	4.64	10.3	15.8	0.350	-0.44	1.02	0.15	0.014	4.19	
RBC x10 <sup>6</sup> /µl	1	4.79	4.77	9.56	7.88	0.013	5.96	0.02	0.04	0.003	-0.54	
Hb g/dl	1	14.3	14.3	28.6	23.9	0.040	4.53	0	0.1	0.009	-0.67	
HCT%	1	42.5	42.1	84.6	73.1	0.208	2.26	0.4	0.35	0.026	0.13	
MCV-fl	1	89.1	87.9	177	184.8	0.364	-0.84	1.2	0.3	0.024	2.43	
MCH-Pg	1	30.1	29.9	60	60.4	0.093	-0.18	0.2	0.2	0.017	0.00	
MCHC-g/dl	1	34	33.8	67.8	65.6	0.178	0.48	0.2	0.2	0.019	0.00	
Plt. x10 <sup>3</sup> /µl	1	181	176	357	401.5	2.228	-0.85	5	6	0.392	-0.19	
Retic %	2	14	10	24	26	0.416	-0.20	4	0.7	0.054	3.87	

### P.S . Assesment

YOUR REPORT			CONSENSUS REPORT		
DLC%	3	Nrbcs=03 , Poly=59 L=32, E=06, Mono/Promono=03 , B1=00 P.M.=00, Mye=00, Meta=00, Other=CORRECTED TLC 13650	Poly: 50-63 , Lympho: 30-40, Eosino: 2-6 , Mono: 2-5, blast/Promyelo/Myelo/Meta: 0		
RBC Morphology	3	Microcytic Hypochromic with mild anisopoikilocytosis and presence of leptocytes, tear drop cells.	Predominantly: Normocytic/Normochromic; Moderate: Anisocytosis, Microcytic, Hypochromic; Mild: Poikilocytosis, Target cells , Sickle cells, polychromatophils		
Diagnosis	3	MICROCYTIC HYPOCHROMIC ANAEMIA, LEUCOCYTOSIS.	Sickle Cell Anemia		