



**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. : 853

Distribution No.: 164-A

Month/Year: May/2024

Instrument ID: SYSMEX

Model Name.: XN-330

Serial No.: 15454

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: 05-07-2024[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	5.28	5.18	10.46	9.84	0.044	0.49	0.1	0.1	0.006	0.00
RBC x10 <sup>6</sup> /µl	1	4.42	4.39	8.81	9.06	0.008	-1.12	0.03	0.03	0.002	0.00
Hb g/dl	1	14.3	14.3	28.6	28.6	0.026	0.00	0	0.1	0.007	-1.35
HCT%	1	43.5	43.1	86.6	89.7	0.215	-0.49	0.4	0.4	0.023	0.00
MCV-fl	1	98.4	98.2	196.6	197.8	0.419	-0.09	0.2	0.2	0.019	0.00
MCH-Pg	1	32.6	32.4	65	63	0.056	1.28	0.2	0.2	0.011	0.00
MCHC-g/dl	1	33.2	32.9	66.1	63.3	0.150	0.60	0.3	0.3	0.016	0.00
Plt. x10 <sup>3</sup> /µl	1	117	113	230	231	1.429	-0.02	4	3	0.222	0.22
Retic %	2	10.8	10.3	21.1	31	0.457	-0.70	0.5	0.8	0.044	-0.58

### P.S . Assesment

YOUR REPORT			CONSENSUS REPORT		
DLC%	3	Nrbcs=8 , Poly=22 L=3, E=4, Mono/Promono=0 , B1=3 P.M.=25, Mye=22, Meta=18, Other=	Poly: 20 - 35, Lympho: 4 - 10, Myelo: 19 - 39, Meta: 7-15, Promyelo: 2-9, Eosino: 2-7, Mono: 1-2, Blast: 1 - 5, Baso: 0-5		
RBC Morphology	3	ANISOPOIKILOCYTOSIS, MACROCYTES, OCC. MICROCYTES,	Predominantly: Normocytic/Normochromic; Moderate: Anisocytosis, Mild: Polychromatophils (+), Poikilocytosis, Macrocytes		
Diagnosis	3	CHRONIC MYELOID LEUKEMIA	MPN likely CML-CP		

*AS*  
09-07-24

**COMBINED DATA VALUES OF TOTAL PARTICIPANTS**

Test parameters	S.No.	Total participants covered in the current dist. 164--A	Total No. responded	% of Labs with Z Score 0-2		% of Labs with Z Score 2-3		% of Labs with Z Score >3	
				Among labs	Within lab	Among labs	Within lab	Among labs	Within lab
WBC x10 <sup>3</sup> /µl	1	365	365	81.64	92.6	7.67	2.19	10.69	5.21
RBC x10 <sup>6</sup> /µl	1	365	365	89.32	91.51	6.03	3.84	4.65	4.65
Hb g/dl	1	365	365	86.58	89.04	7.4	3.56	6.02	7.4
HCT%	1	365	365	93.7	90.41	4.66	3.84	1.64	5.75
MCV-fl	1	365	365	94.79	93.15	3.01	3.84	2.2	3.01
MCH-Pg	1	365	365	85.75	93.7	7.67	2.74	6.58	3.56
MCHC-g/dl	1	365	365	93.7	90.96	3.56	3.01	2.74	6.03
Plt. x10 <sup>3</sup> /µl	1	365	365	89.59	89.86	6.58	5.21	3.83	4.93
ReticCount%	2	365	350	96.86	92.29	2.57	0.86	0.57	6.85
PS Assessment	3	365	345	Satisfactory :89.05%, Borderline Sat. :2.46%, Unsatisfactory :8.49%					

**Comments:**

1). Among Lab (EQA) : Results acceptable.

2). Within Lab (IQA) : Precision acceptable.

**Note-1:** EQA (External Quality Assurance) : Your Performance among various of participating labs in PT, to determine the accuracy of your results.

**IQA** ( Internal Quality Assurance) : Your Performance of comparison of two consecutive measurement values within your lab to test the precision of your autoanalyzer.

**Note-2:** Z score among & within lab were calculated, as per to ISO/IEC 13528:2015 standard. Z score among lab (EQA)= (Your Result Sum of two values - Consensus Result sum of two values)/(Normalised IQR)

Z score within lab (IQA)= (Your Result Difference of two values - Consensus Result difference of two values)/(Normalised IQR)

IQR = Quartile 3 - Quartile 1 of participant data, Normalised IQR = 0.7413 x IQR

**Note-3:** Z score 0 to ±2: Acceptable, Z score ±2 to ±3 :Warning Signal, Z score > ±3 : Unacceptable [As per ISO/IEC 13528:2015 standard]

**Note-4:** Z score value between "0 to ±2" are texted in green colour. Z score value between "±2 to ±3" are texted in orange colour. Z score value > ±3 are texted in red colour.

**Note-5:** Homogeneity and stability testing of PT sample were done as per ISO 13528:2015 standard. To pass homogeneity test, between sample SD (Ss) should be smaller than the check value (0.3\*SDPA). To pass the stability test, average difference in measurement values of first and last day sample ( $\bar{x}-\bar{y}$ ) should be smaller than the check value (0.3\*SDPA).

**Note-6:** ISHTM-AIIMS-EQAP does not subcontract any task of its scheme

**Note-7:** Participants are free to use methods/analyzer of their own choice.

**Note-8:** Proficiency testing (PT ) samples are sent quarterly to each participant.

**Note-9:** All the necessary details regarding design and implementation of PT, are provided in the instruction sheet as well as on programme's website [www.ishtmaiimseqap.com](http://www.ishtmaiimseqap.com).

**Note 10:** Reports are kept confidential.

Report authorized by,

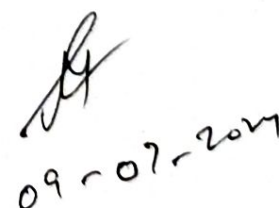


Dr. Manoranjan Mahapatra ( Prof. & Head)

PT Co-ordinator: ISHTM-AIIMS-EQAP

Department of Hematology, AIIMS, New Delhi

-----End Of Report-----



09-07-2017



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## PARTICIPATION CERTIFICATE

[Certificate No. EQAP/853/2023/30]

Date 30.12.2023

This is to certify that " **AGILUS PATH LABS-DR.PHADKE LABS - DR.TECKCHANDANI LAB., THANE, MAHARASHTRA, 400706** "has participated in the "ISHTM-AIIMS External Quality Assurance Program" for the period "January 2023 to December 2023".

Report authorized by,

Dr. Manoranjan Mahapatra ( Prof. & Head)  
PT Co-ordinator: ISHTM-AIIMS-EQAP  
Department of Hematology, AIIMS, New Delhi

Date: 10/07/2024

TO WHOMSOEVER IT MAY CONCERN

I Dr Suresh Teckchandani, Technical Head of Agilus Pathlabs Pvt. Ltd. Dr. Teckchandani Lab, Vashi, New Mumbai, confirm that the lab located at Office-12, 1<sup>st</sup> Floor, Above Golden Punjab Hotel, Sector-17, Vashi, Navi Mumbai is a unit of Agilus Pathlabs Pvt. Ltd.- Dr. Avinash Phadke labs.

For Agilus Pathlabs Pvt. Ltd, Dr. Teckchandani, Vashi Lab.



Dr. Suresh Teckchandani  
Lab Head

