



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. : 2324

Distribution No.: 149-F

Month/Year: December/2019

Instrument ID: Medonic M

Name & Contact No. of PT Co-ordinator: Dr. Renu Saxena (Prof & Head), Hematology, AIIMS, Delhi,
 Tel: 9013085730 , E-Mail : accuracy2000@gmail.com

Date of issue & status of the report: 09-03-2020[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 ³ /µl | 1 | 5.7 | 5.6 | 11.3 | 11.63 | 0.0270 | -0.40 | 0.1 | 0.1 | 0.0080 | 0.00 |
| RBC x10 ⁶ /µl | 1 | 4.06 | 4.01 | 8.07 | 8.06 | 0.0070 | 0.05 | 0.05 | 0.04 | 0.0020 | 0.22 |
| Hb g/dl | 1 | 11 | 11 | 22 | 22.2 | 0.0200 | -0.30 | 0 | 0.1 | 0.0070 | -0.67 |
| HCT% | 1 | 33.1 | 32.7 | 65.8 | 66.8 | 0.1410 | -0.22 | 0.4 | 0.3 | 0.0210 | 0.27 |
| MCV-fl | 1 | 81.7 | 81.4 | 163.1 | 166.25 | 0.3130 | -0.28 | 0.3 | 0.2 | 0.0200 | 0.22 |
| MCH-Pg | 1 | 27.41 | 27.1 | 54.51 | 55 | 0.0540 | -0.33 | 0.31 | 0.2 | 0.0100 | 0.49 |
| MCHC-g/dl | 1 | 33.6 | 33.1 | 66.7 | 66.7 | 0.1380 | 0.00 | 0.5 | 0.3 | 0.0190 | 0.54 |
| Plt. x10 ³ /µl | 1 | 163 | 160 | 323 | 340 | 0.92 | -0.63 | 3 | 6 | 0.32 | -0.51 |
| Retic % | 2 | 8 | 7.8 | 15.8 | 7.5 | 0.25 | 2.24 | 0.2 | 0.4 | 0.02 | -0.90 |

P.S . Assesment

| YOUR REPORT | | CONSENSUS REPORT |
|----------------|---|---|
| DLC% | 3 Nrbcs=3 , Poly=17 L=8, E=3, Mono/Promono=0 , B1=0 P.M.=8, Mye=4, Meta=18, Other=Baso-2% Matured Neu-28% , Myelocyte-12% ,plt- Normal in number | Poly: 50-60, Lymph: 2-6, nRBC/Eo/Mono/Blast/Pro: 0-5, My: 10-20, Meta: 10-15 |
| RBC Morphology | 3 Showing mild anisopoikilocytosis, Normocytic normochromic and microcytic hyperchromic cells seen . Few NRBC seen | Predominantly: Normocytic Normochromic. Moderate: Micro. Mild: Hypo, Aniso. |

COMBINED DATA VALUES OF TOTAL PARTICIPANTS

| Test parameters | S.No. | Total participants covered in the current dist. | 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 ³ /µl | 1 | 450 | 366 | 90.98 | 84.97 | 3.28 | 6.83 | 5.19 | 7.1 |
| RBC x10 ⁶ /µl | 1 | 450 | 366 | 89.89 | 88.25 | 5.46 | 5.19 | 4.1 | 6.01 |
| Hb g/dl | 1 | 450 | 366 | 92.08 | 86.89 | 4.92 | 3.83 | 2.46 | 8.74 |
| HCT% | 1 | 450 | 366 | 95.08 | 90.16 | 3.01 | 5.74 | 1.37 | 3.55 |
| MCV-fl | 1 | 450 | 366 | 96.99 | 95.63 | 1.37 | 1.64 | 1.09 | 2.19 |
| MCH-Pg | 1 | 450 | 366 | 87.7 | 89.62 | 7.65 | 5.19 | 4.1 | 4.64 |
| MCHC-g/dl | 1 | 450 | 366 | 97.54 | 88.25 | 1.64 | 4.92 | 0.27 | 6.28 |
| Plt. x10 ³ /µl | 1 | 450 | 366 | 89.34 | 91.53 | 7.92 | 4.64 | 1.91 | 3.01 |
| ReticCount% | 2 | 450 | 301 | 94.02 | 74.75 | 2.99 | 20.6 | 2.99 | 7.64 |
| PS Assessment | 3 | 450 | 339 | Acceptable:96.2%,Warning Signal:3.2%,Unacceptable :0.6% | | | | | |

Comments:

1). Among Lab (EQA) : PS partially correct, remaining 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).

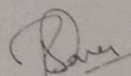
Note-6: ISHTM-AIIMS-EQAP does not subcontract any task of its scheme

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

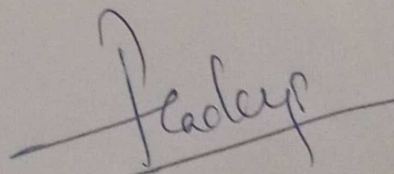
Note-8: Proficiency testing (PT) samples are sent quarterly to each participant.

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.

Report authorized by,



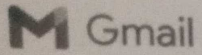
Dr. R. Saxena
Prof & Head, Hematology, AIIMS, Delhi.
PT Co-ordinator: ISHTM-AIIMS-EQAP



Verified.

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

16/03/2020.



Pradeep Kommunje <pradeepcd@gmail.com>

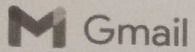
EQAS Details

Tue, Nov 10, 2020 at 10:52 AM

Chinmayi Hospital <chinmayihospital@outlook.com>
To: "accuracy2000@gmail.com" <accuracy2000@gmail.com>

Greetings from chinmayi Hospital .We have paid 200 Rs on JAN 2020 through online with transaction id :TXN1578463447 .
Our Participant code is :2324
user id :eqap2324@aaim .com
we have not recived any sample from January 2020 to till now .Kindly clarify us when sample will reach us and Is our online payment is valied
till getting 4 samples ?
with regards
Pradeep Kumar
Quality Head
Chimayi Hospital
M:9743795025

Sent from Outlook



Pradeep Kommunje <pradeepocd@gmail.com>

EQAS Details

Tue, Nov 10, 2020 at 3:14 PM

EQAP <accuracy2000@gmail.com>
To: Chinmayi Hospital <chinmayihospital@outlook.com>

Dear EQAP Participant,

Due to Covid 19 crisis we had to put our work on hold from march to june 2020 cycles, now its resumed.
Next sample will reach by 20-11-20.

With Regards,



Dr. Rahul Sharma (Research Officer)
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(An ISO 17043:2010 certified programme)
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