

COMBINED DATA VALUES OF TOTAL PARTICIPANTS

| Test parameters | S.No. | Total participants covered in the current dist. | Total No. responded | % of Labs with Z | | | | % of Labs with Z Score >3 | Within lab | Comments |
|---------------------------|-------|---|---------------------|--|------------------|------------------|------------------|---------------------------|------------|----------|
| | | | | Among Within lab | Among Within lab | Among Within lab | Among Within lab | | | |
| WBC x10 ³ /µl | 1 | 450 | 324 | 90.43 | 60.19 | 3.09 | 37.96 | 7.1 | 1.85 | |
| RBC x10 ⁶ /µl | 1 | 450 | 324 | 87.65 | 87.35 | 6.17 | 5.86 | 6.79 | 7.41 | |
| Hb g/dl | 1 | 450 | 324 | 84.57 | 94.14 | 8.33 | 2.78 | 7.1 | 3.09 | |
| HCT% | 1 | 450 | 324 | 96.91 | 91.05 | 1.54 | 3.7 | 1.54 | 5.25 | |
| MCV-fI | 1 | 450 | 324 | 99.38 | 86.42 | 0.31 | 8.33 | 0.31 | 5.56 | |
| MCH-Pg | 1 | 450 | 324 | 87.65 | 93.52 | 7.41 | 2.78 | 5.56 | 3.7 | |
| MCHC-g/dl | 1 | 450 | 324 | 98.15 | 89.81 | 1.23 | 6.17 | 0.62 | 3.7 | |
| Plt. x10 ³ /µl | 1 | 450 | 324 | 91.98 | 89.81 | 5.56 | 5.56 | 3.09 | 4.94 | |
| ReticCount% | 2 | 450 | 265 | 95.09 | 87.17 | 4.53 | 11.32 | 0.75 | 3.4 | |
| PS Assessment | 3 | 450 | 310 | Acceptable:95.5%,Warning Signal:4.5%,Unacceptable:0% | | | | | | |

1). Among Lab (EQA) : CBC result for RBC & PLT unacceptable, please check calibration/human

error.Remaining results acceptable.

2). Within Lab (QIA) : Difference in the CBC measurement values for PLT unacceptable, may be due to random/human error.

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

IOA (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 (QIA) = (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 (x-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.ishtmailimseqap.com.

Report authorized by,



Dr. Seema Tyagi (Prof.)

PT Co-ordinator: ISHTM-AIIMS-EQAP

Department of Hematology, AIIMS, New Delhi

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

ID 1: AIIMS 1

ID 2:

Seq#: 10798

Date: 07-03-2020

Time: 05:27 PM

Prof#: Blood

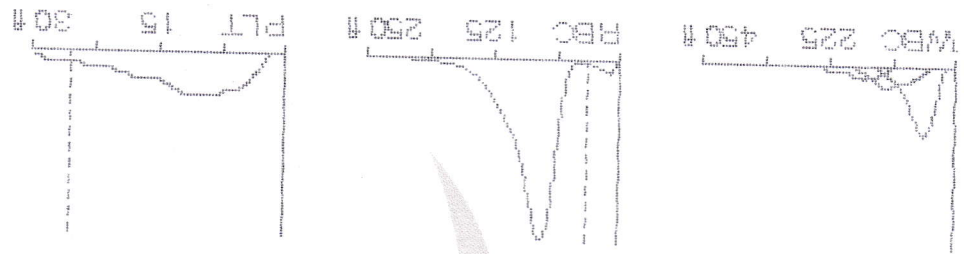
Asp#: Open Tube

Oper#:

Notes#:

| WBC | 1.8 | # DE | 10 ⁹ /L | 3.5 | # | 10.0 |
|-------|------|------|---------------------|------|---|-------|
| LYM | 1.2 | OM | 10 ⁹ /L | 0.9 | # | 5.0 |
| LYM% | 60.4 | ▲ | OM | 15.0 | # | 50.0 |
| MID | 0.4 | OM | 10 ⁹ /L | 0.1 | # | 1.5 |
| MID% | 25.0 | ▲ | OM | 2.0 | # | 15.0 |
| GRA | 0.2 | ▲ | OM | 1.2 | # | 8.0 |
| GRA% | 14.6 | ▲ | OM | 35.0 | # | 80.0 |
| HGB | 11.8 | | g/dl | 11.5 | # | 16.5 |
| MCH | 32.8 | | pg | 29.0 | # | 35.0 |
| MCHC | 35.7 | | g/dl | 31.0 | # | 38.0 |
| RBC | 3.61 | | 10 ¹² /L | 3.50 | # | 5.50 |
| MCV | 91.8 | | fL | 75.0 | # | 100.0 |
| HCT | 33.1 | ▲ | % | 35.0 | # | 55.0 |
| RDW | 62.9 | | fL | 0.1 | # | 250.0 |
| RDW% | 13.6 | | % | 11.0 | # | 16.0 |
| PLT | 109 | ▲ | 10 ⁹ /L | 130 | # | 400 |
| MPV | 12.6 | ▲ | fL | 6.5 | # | 11.0 |
| PDW | 18.7 | | fL | 0.1 | # | 30.0 |
| PDW% | 44.6 | | % | 0.1 | # | 99.9 |
| PCT | 0.13 | | % | 0.01 | # | 9.99 |
| P-LCR | 48.7 | | % | 0.1 | # | 99.9 |
| P-LCC | 53 | | 10 ⁹ /L | 1 | # | 1999 |

Ranges



pranaam hospitals pvt. ltd.

#1-58/6/40 & 41, Madinaguda, Miyapur, Hyderabad - 50, Telangana, India

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For queries please write to us - pranaam@pranaamhospitals.in

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Home Visit Sample Collection @ 9542648844



ID 1: AIIMS 2

ID 2: 10799

Date: 07-03-2020

Time: 05:29 PM

Prof.: Blood

Asp.: Open Tube

Oper.:

Notes:

WBC 1.8 # DE 10^9/L 3.5 # 10.0

LYM 1.2 DM 10^9/L 0.9 # 5.0

LYM% 63.6 # DM 15.0 # 50.0

MID 0.4 DM 10^9/L 0.1 # 1.5

MID% 24.8 # DM 2.0 # 15.0

GRA 0.2 # DM 1.2 # 8.0

GRA% 11.6 # DM 35.0 # 80.0

HGB 11.8 # 11.5 # 16.5

MCH 32.6 # 31.0 # 35.0

MCHC 35.4 # 31.0 # 38.0

RBC 3.62 # 10^12/L 3.50 # 5.50

MCV 92.1 # 75.0 # 100.0

HCT 33.3 # 35.0 # 55.0

RDWa 63.0 # 11.0 # 250.0

RDW% 13.7 # 13.0 # 16.0

PLT 104 # 10^9/L 130 # 400

MPV 12.4 # 6.5 # 11.0

PDWa 18.7 # 0.1 # 30.0

PDW% 47.2 # 0.1 # 99.9

PCT 0.13 # 0.01 # 9.99

P-LCR 45.9 # 0.1 # 99.9

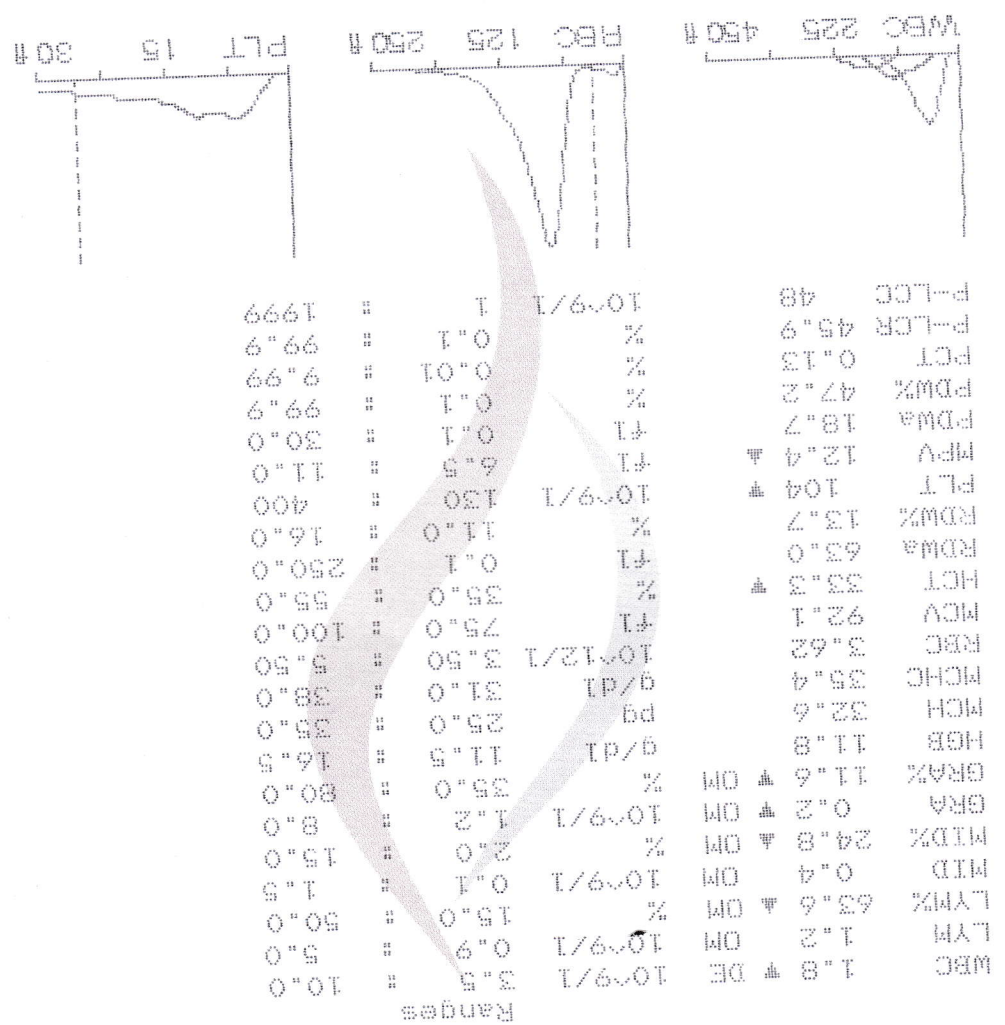
P-LCC 48 # 1 # 1999

WBC 225 450 #

RBC 125 250 #

PLT 15 30 #

Ranges



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