



HEMATOLOGY

ALL METHOD REPORT

Cycle-11/2022

Round -6

Lab Code: 2610

Date: 20/10/2022

Complete Blood Count (CBC)

| Parameters | No.of Participants | Group Mean | Standard deviation (SD) | Uncertainty of Assign Values | Range (± 2 SD) | Your Value | Standard Deviation Index(SDI) |
|---------------------------------|--------------------|------------|-------------------------|------------------------------|----------------|------------|-------------------------------|
| Hb gm/dl | 236 | 11.4 | 0.4 | 0.03 | 10.7-12.2 | 11.0 | -1.0 |
| WBC × 10 ³ /μl. | 234 | 10.8 | 2.1 | 0.17 | 6.7-14.9 | 12.1 | 0.6 |
| RBC × 10 ⁶ /μl. | 236 | 4.0 | 0.1 | 0.01 | 3.75-4.31 | 3.79 | -2.1 |
| Hct% | 236 | 35.4 | 2.3 | 0.19 | 30.8-40.0 | 30.6 | -2.1 |
| MCV fl. | 236 | 87.5 | 4.4 | 0.36 | 78.6-96.4 | 80.6 | -1.6 |
| MCH pg. | 236 | 28.3 | 0.9 | 0.07 | 26.5-30.1 | 29.0 | 0.8 |
| MCHC gm/dl | 236 | 32.4 | 2.0 | 0.16 | 28.4-36.4 | 36.0 | 1.8 |
| Platelet × 10 ³ /μl. | 236 | 273.3 | 22.5 | 1.83 | 228.2-318.3 | 283 | 0.4 |

Interpretation of SDI:

| SDI Value(+/-) | 0 - 0.5 | 0.6 - 0.9 | 1.0 - 2.0 | 2.1 - 2.9 | ≥ 3 |
|----------------|-----------------------|------------------|------------------------|---------------------------------------|--|
| Interpretation | Excellent Performance | Good Performance | Acceptable Performance | Marginal Performance Need Improvement | Unacceptable Performance Needs Urgent action |

Peripheral Blood Smear(PBS):

| | Your Result | Consensus Result |
|------------|---|--|
| DLC | S-2, P-20, L-22, E-50, M-5, B-1, nRBC-1-2 | P-19.0-47.8 L-16.0-34.1 E-13.0-51.0 M-1.8-6.2 |
| Morphology | Normocytic normochromic Severe eosinophilia, Reactive lymphocytes, Platelets are reduced in smear | ΔNormocytic/ Normochromic (174/186) ΔEosinophilia (161/186) ΔThrombocytopenia (113/186) ΔLeukocytosis (98/186) ΔGiant platelets (73/186) |
| Diagnosis | Chronic inflammatory/Myeloproliferative disorder | Eosinophilia/ Eosinophilic Leukocytosis |

| Legends | (*) Excluded From Group Mean | { } Not Reported | (#)Late Result Submission | (\$)Reported in other Unit |
|---------|------------------------------|------------------|---------------------------|-----------------------------|
|---------|------------------------------|------------------|---------------------------|-----------------------------|

Chief Coordinator

Programme Director

Dr. Sanjay Mehrotra

Dr. Bandana Mehrotra

Prepared by: Ssh

Checked By:

Doc. No.: ASS / FR / 06 / R 01 / Dt.: 05.01.2022

****End of Report****

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RML – Quality Assurance Program (RML – QAP)



HEMATOLOGY METHOD WISE REPORT

Lab Code: 2610

Cycle-11/2022
Round -6

Date: 20/10/2022

Note: @ parameter is not the part of Method Group

Complete Blood Count (CBC)

| Parameters | Method Group | No.of Participants | Group Mean | Standard deviation (SD) | Uncertainty of Assign Values | Range (± 2 SD) | Your Value | Standard Deviation Index(SDI) |
|--------------------------------------|----------------------|--------------------|------------|-------------------------|------------------------------|---------------------|------------|-------------------------------|
| Hb gm/dl @ | Photometric | 67 | 11.4 | 0.4 | 0.06 | 10.7-12.2 | - | - |
| WBC $\times 10^3/\mu\text{l}$. | Electrical impedance | 82 | 11.6 | 1.3 | 0.18 | 9.0-14.2 | 12.1 | 0.4 |
| RBC $\times 10^6/\mu\text{l}$. | Electrical impedance | 93 | 4.1 | 0.2 | 0.03 | 3.7-4.4 | 3.79 | -1.6 |
| Hct% | Calculated | 49 | 35.8 | 2.6 | 0.46 | 30.6-41.1 | 30.6 | -2.0 |
| MCV fl. @ | Electrical impedance | 45 | 87.5 | 4.3 | 0.80 | 79.0-96.0 | - | - |
| MCH pg. | Calculated | 94 | 28.3 | 1.0 | 0.13 | 26.3-30.3 | 29.0 | 0.7 |
| MCHC gm/dl | Calculated | 100 | 32.3 | 2.0 | 0.25 | 28.3-36.3 | 36.0 | 1.9 |
| Platelet $\times 10^3/\mu\text{l}$. | Electrical impedance | 91 | 274.1 | 23.0 | 3.01 | 228.1-320.1 | 283 | 0.4 |

Interpretation of SDI:

| SDI Value(+/-) | 0 - 0.5 | 0.6 - 0.9 | 1.0 - 2.0 | 2.1 - 2.9 | ≥ 3 |
|----------------|-----------------------|------------------|------------------------|--|---|
| Interpretation | Excellent Performance | Good Performance | Acceptable Performance | Marginal Performance Need Improvement | Unacceptable Performance Needs Urgent action |

| Legends | (*) Excluded From Group Mean | (-) Not Reported | (#)Late Result Submission | (\$)Reported in other Unit |
|---------|------------------------------|------------------|---------------------------|----------------------------|
|---------|------------------------------|------------------|---------------------------|----------------------------|

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By

Prepared By: SSh

Programme Director

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End of Report

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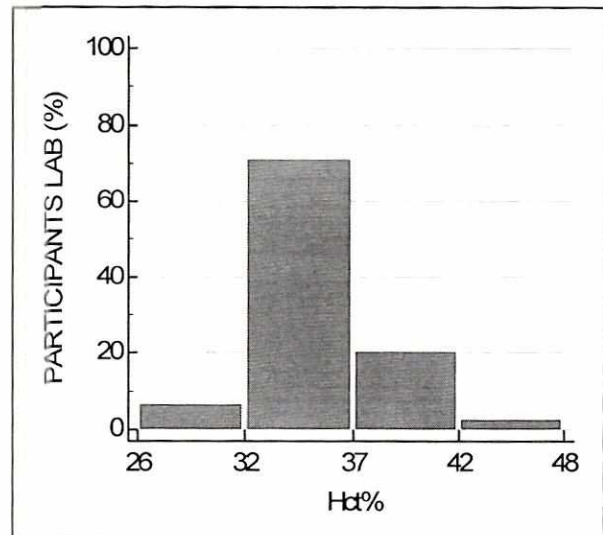
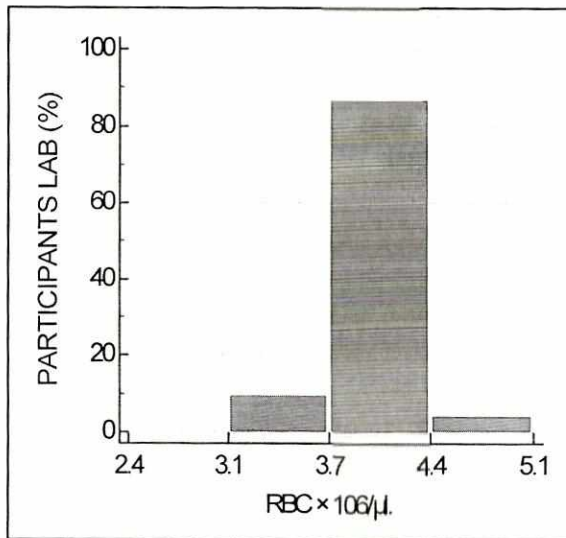
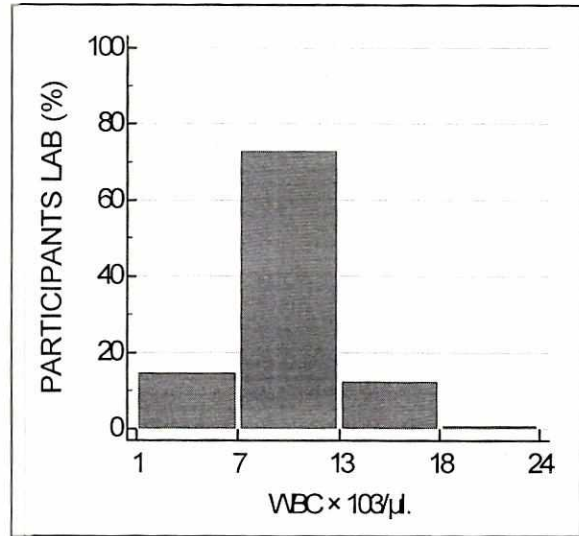
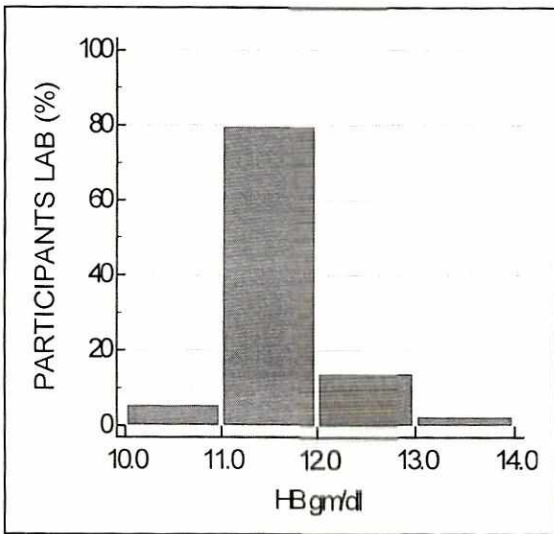
HEMATOLOGY

GRAPHICAL REPORT

Cycle - 11/2022

Round -6

Date: 20/10/2022



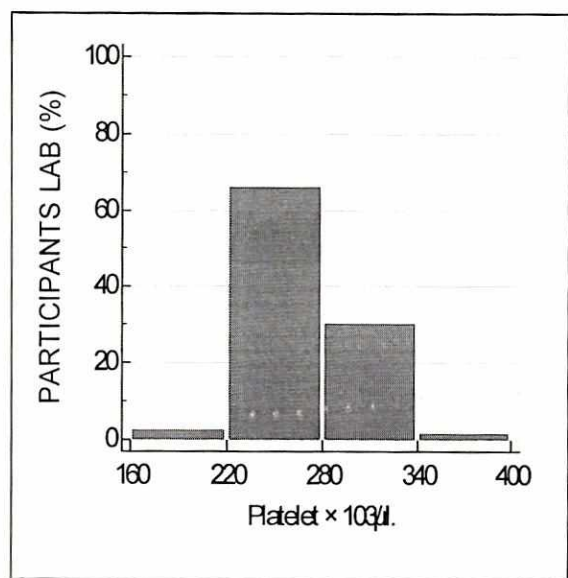
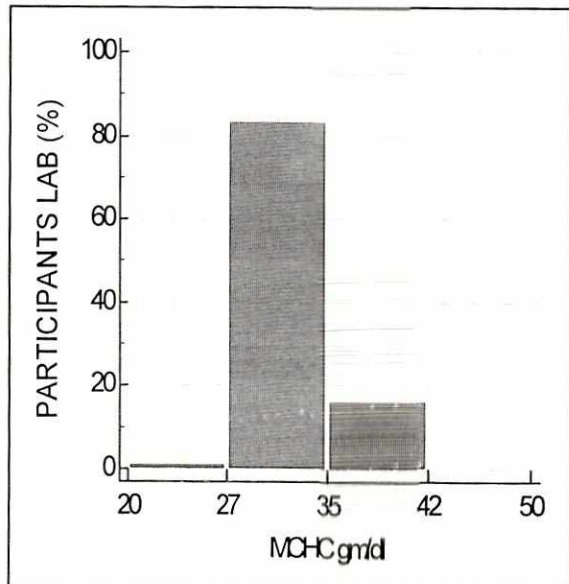
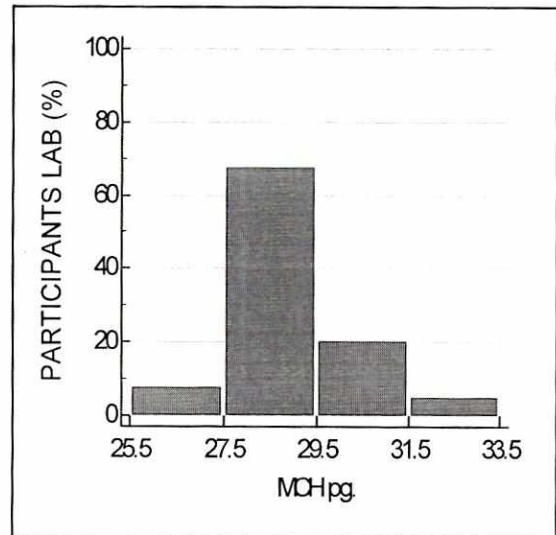
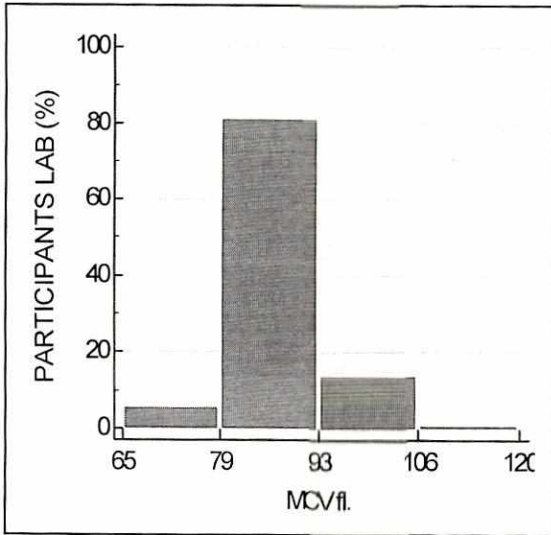
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GRAPHICAL REPORT

Cycle - 11/2022

Round -6

Date: 20/10/2022



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Hematology

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022

Round No - 6

Date: 20/10/2022

Note:- This report is only for information about the participant's performance in the particular round

| Parameters | Total No. of Participants | No. of Responses | No. of Participant Excluded from Group Mean | No. of Participants SDI b/w 0.0 - 2 | No. of Participants SDI b/w 2.1 - 2.9 | No. of Participants SDI >3 |
|---------------------------------|---------------------------|------------------|---|-------------------------------------|---------------------------------------|----------------------------|
| Hb gm/dl | 271 | 236 | 11 | 205 | 8 | 23 |
| WBC × 10 ³ /μl. | 271 | 234 | 7 | 197 | 25 | 12 |
| RBC × 10 ³ /μl. | 271 | 236 | 14 | 181 | 31 | 24 |
| HCT% | 271 | 236 | 3 | 216 | 10 | 10 |
| MCV fl. | 271 | 236 | 2 | 227 | 6 | 3 |
| MCH pg. | 271 | 236 | 4 | 219 | 5 | 12 |
| MCHC gm/dl | 271 | 236 | 1 | 225 | 6 | 5 |
| Platelet × 10 ³ /μl. | 271 | 236 | 1 | 220 | 9 | 7 |

****End of Report****

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