

IMPROVED

LOW

HIGH

NORMAL

IMPROVED,STILL OUT OF RANGE

| LABEL   | 07/04/21             | 07/04/21                   | - | - | - |
|---|----------------------|----------------------------|---|---|---|
| HAEMATOLOGY   |                      |                            |   |   |   |
| HAEMOGLOBIN<br>Range                                | 13.8<br>13.0 - 17.0  | 16.3<br>13.0 - 17.0        | - | - | - |
| TOTAL LEUCOCYTE<br>COUNT (WBC)<br>Range             | 5.13<br>4.0 - 10.0   | 3460.0<br>4000.0 - 11000.0 | - | - | - |
| RED BLOOD CELL<br>COUNT<br>Range                    | 5.37<br>4.5 - 5.5    | 5.31<br>45.0 - 55.0        | - | - | - |
| PACKED CELL<br>VOLUME(<br>HEMATOCRIT)<br>Range      | 44.8<br>40.0 - 50.0  | 47.1<br>40.0 - 50.0        | - | - | - |
| MEAN CORPUSCULAR<br>VOLUME (MCV)<br>Range           | 83.4<br>80.0 - 100.0 | 88.7<br>80.0 - 100.0       | - | - | - |
| MEAN CORPUSULAR<br>HB (MCH)<br>Range                | 27.6<br>27.0 - 32.0  | 30.7<br>26.0 - 32.0        | - | - | - |
| MEAN CORPUSULAR<br>HB CONC (MCHC)<br>Range          | 33.0<br>32.0 - 35.0  | 34.61<br>32.0 - 37.0       | - | - | - |
| RED CELL<br>DISTRIBUTION<br>WIDTH (RDW-CV)<br>Range | 13.0<br>11.5 - 14.5  | 12.1<br>11.5 - 15.5        | - | - | - |

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-

-

-

PLATELET COUNT

Range

289.0

150.0 - 450.0

327000.0

150000.0 - 450000.0

-

-

-

## ERYTHROCYTE SEDIMENTATION RATE (E.S.R.)

ESR

Range

-

None - None

2.0

0.0 - 15.0

-

-

-

## DIFFERENTIAL LEUCOCYTE COUNT %

NEUTROPHILS %

Range

39.8

40.0 - 80.0

52.0

40.0 - 80.0

-

-

-

LYMPHOCYTES %

Range

46.8

20.0 - 40.0

39.0

20.0 - 40.0

-

-

-

MONOCYTES %

Range

10.1

2.0 - 10.0

6.0

2.0 - 10.0

-

-

-

EOSINOPHILS %

Range

3.3

1.0 - 6.0

2.0

1.0 - 6.0

-

-

-

BASOPHILS %

Range

0.0

0.0 - 2.0

1.0

0.0 - 2.0

-

-

-

## ABSOLUTE LYMPHOCYTES COUNT

ABSOLUTE  
NEUTROPHILS

Range

2.04

2.0 - 7.0

1799.0

1800.0 - 7700.0

-

-

-

ABSOLUTE  
LYMPHOCYTES

Range

-

None - None

1349.0

1000.0 - 4800.0

-

-

-

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| LABEL                                      | 07/04/21             | 07/04/21               | - | - | - |
|--|----------------------|------------------------|---|---|---|
| ABSOLUTE MONOCYTES<br>Range                | -<br>None - None     | 208.0<br>0.0 - 800.0   | - | - | - |
| ABSOLUTE EOSINOPHILS<br>Range              | -<br>None - None     | 69.0<br>0.0 - 450.0    | - | - | - |
| ABSOLUTE BASOPHILS<br>Range                | -<br>None - None     | 35.0<br>0.0 - 200.0    | - | - | - |
| LIPID PROFILE                              |                      |                        |   |   |   |
| CHOLESTEROL<br>Range                       | 225.0<br>0.0 - 200.0 | 230.0<br>130.0 - 220.0 | - | - | - |
| TRIGLYCERIDES<br>Range                     | 215.0<br>0.0 - 150.0 | 76.0<br>50.0 - 150.0   | - | - | - |
| H.D.L.<br>CHOLESTEROL<br>Range             | 34.3<br>40.0 - None  | 45.0<br>30.0 - 75.0    | - | - | - |
| L.D.L.<br>CHOLESTEROL<br>(DIRECT)<br>Range | 147.7<br>0.0 - 100.0 | 162.0<br>30.0 - 100.0  | - | - | - |
| SERUM VLDL<br>CHOLESTEROL<br>Range         | -<br>None - None     | 15.2<br>10.0 - 30.0    | - | - | - |
| NON H.D.L.<br>CHOLESTEROL<br>Range         | 191.0<br>0.0 - 130.0 | 185.0<br>None - None   | - | - | - |

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| LABEL                                      | 07/04/21               | 07/04/21               | - | - | - |
|--|------------------------|------------------------|---|---|---|
| SERUM<br>CHOLESTEROL-HDL<br>RATIO<br>Range | -<br>None - None       | 5.11<br>None - None    | - | - | - |
| KIDNEY                                     |                        |                        |   |   |   |
| UREA<br>Range                              | 23.0<br>17.0 - 43.0    | 13.5<br>10.0 - 50.0    | - | - | - |
| BLOOD UREA<br>NITROGEN (BUN)<br>Range      | -<br>None - None       | 6.3<br>4.7 - 23.4      | - | - | - |
| CREATININE,<br>SERUM<br>Range              | 0.87<br>0.67 - 1.17    | 1.0<br>0.5 - 1.3       | - | - | - |
| URIC ACID<br>Range                         | 7.6<br>3.5 - 7.2       | 5.8<br>2.0 - 7.0       | - | - | - |
| MINERALS                                   |                        |                        |   |   |   |
| IONIZED CALCIUM<br>Range                   | -<br>None - None       | 58.0<br>1.1 - 1.25     | - | - | - |
| TOTAL CALCIUM<br>Range                     | 9.7<br>8.8 - 10.6      | 80.0<br>8.6 - 10.0     | - | - | - |
| BIOCHEMISTRY                               |                        |                        |   |   |   |
| PHOSPHORUS<br>Range                        | 3.5<br>2.4 - 4.4       | 3.7<br>2.5 - 4.5       | - | - | - |
| SODIUM<br>Range                            | 140.0<br>136.0 - 146.0 | 139.0<br>132.0 - 150.0 | - | - | - |

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| LABEL                            | 07/04/21               | 07/04/21             | - | - | - |
|----------------------------------|------------------------|----------------------|---|---|---|
| POTASSIUM<br>Range               | 4.97<br>3.5 - 5.1      | 4.4<br>3.5 - 5.0     | - | - | - |
| CHLORIDE<br>Range                | 106.0<br>101.0 - 109.0 | 98.0<br>98.0 - 107.0 | - | - | - |
| MAGNESIUM<br>Range               | -<br>None - None       | 1.8<br>1.6 - 2.6     | - | - | - |
| LIVER                            |                        |                      |   |   |   |
| BILIRUBIN<br>(TOTAL)<br>Range    | 0.62<br>0.3 - 1.2      | 0.5<br>0.2 - 1.0     | - | - | - |
| BILIRUBIN<br>(DIRECT)<br>Range   | 0.15<br>0.0 - 0.3      | 0.21<br>0.0 - 0.3    | - | - | - |
| BILIRUBIN<br>(INDIRECT)<br>Range | 0.47<br>0.0 - 1.1      | 0.29<br>0.1 - 0.8    | - | - | - |
| S.G.O.T.<br>Range                | 35.0<br>0.0 - 50.0     | -<br>None - None     | - | - | - |
| ALKALINE<br>PHOSPHATASE<br>Range | 86.0<br>30.0 - 120.0   | 89.0<br>40.0 - 129.0 | - | - | - |
| G.G.T.P.<br>Range                | 48.0<br>0.0 - 55.0     | 24.0<br>10.0 - 71.0  | - | - | - |

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| LABEL                         | 07/04/21         | 07/04/21           | - | - | - |
|-------------------------------|------------------|--------------------|---|---|---|
| SERUM TOTAL PROTEINS<br>Range | 7.1<br>6.4 - 8.3 | 7.6<br>6.0 - 85.0  | - | - | - |
| SERUM ALBUMIN<br>Range        | 4.6<br>3.5 - 5.2 | 866.0<br>3.5 - 5.0 | - | - | - |
| A/G RATIO<br>Range            | -<br>None - None | 1.92<br>1.1 - 2.2  | - | - | - |

## IRON STUDIES, SERUM

|                                 |                  |                      |   |   |   |
|---------------------------------|------------------|----------------------|---|---|---|
| TRANSFERRIN SATURATION<br>Range | -<br>None - None | 34.92<br>20.0 - 50.0 | - | - | - |
|---------------------------------|------------------|----------------------|---|---|---|

## THYROID PROFILE

|  |                     |                    |   |   |   |
|--|---------------------|--------------------|---|---|---|
| FREE TRIJODOTHYRONINE [FT3],SERUM<br>Range | 1.59<br>0.6 - 1.81  | -<br>None - None   | - | - | - |
| FREE THYROXINE [FT4],SERUM<br>Range        | 8.6<br>5.01 - 12.45 | -<br>None - None   | - | - | - |
| T.S.H.[ULTRA]<br>Range                     | 4.03<br>0.35 - 5.5  | 1.78<br>0.27 - 4.2 | - | - | - |

## VITAMINS

|                                |                       |                  |   |   |   |
|--------------------------------|-----------------------|------------------|---|---|---|
| VITAMIN D, 25-HYDROXY<br>Range | 103.11<br>None - None | -<br>None - None | - | - | - |
|--------------------------------|-----------------------|------------------|---|---|---|

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LABEL

07/04/21

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-

-

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### IMMUNOTURBIMETRY

BLOOD GLUCOSE  
(FASTING)  
Range

123.0

None - None

-

None - None

-

-

-

HBA1C  
Range

5.9

None - None

5.2

None - None

-

-

-

### OTHER PROFILE

HOMOCYSTEINE  
Range

-

None - None

14.99

5.0 - 15.0

-

-

-

# TECHNICAL REPORT

| Label                                | Now    | Before   |
|--------------------------------------|--------|----------|
| Improvement seen                     |        |          |
| HAEMOGLOBIN                          | 13.8   | 16.3     |
| TOTAL LEUCOCYTE COUNT (WBC)          | 5.13   | 3460.0   |
| RED BLOOD CELL COUNT                 | 5.37   | 5.31     |
| PACKED CELL VOLUME( HEMATOCRIT)      | 44.8   | 47.1     |
| MEAN CORPUSCULAR VOLUME (MCV)        | 83.4   | 88.7     |
| MEAN CORPUSULAR HB (MCH)             | 27.6   | 30.7     |
| MEAN CORPUSULAR HB CONC (MCHC)       | 33.0   | 34.61    |
| RED CELL DISTRIBUTION WIDTH (RDW-CV) | 13.0   | 12.1     |
| PLATELET COUNT                       | 289.0  | 327000.0 |
| ESR                                  | - NA - | 2.0      |
| EOSINOPHILS %                        | 3.3    | 2.0      |
| BASOPHILS %                          | 0.0    | 1.0      |
| ABSOLUTE NEUTROPHILS                 | 2.04   | 1799.0   |
| ABSOLUTE LYMPHOCYTES                 | - NA - | 1349.0   |
| ABSOLUTE MONOCYTES                   | - NA - | 208.0    |
| ABSOLUTE EOSINOPHILS                 | - NA - | 69.0     |
| ABSOLUTE BASOPHILS                   | - NA - | 35.0     |



# TECHNICAL REPORT

| Label                       | Now    | Before |
|-----------------------------|--------|--------|
| H.D.L. CHOLESTEROL          | 34.3   | 45.0   |
| SERUM VLDL CHOLESTEROL      | - NA - | 15.2   |
| SERUM CHOLESTEROL-HDL RATIO | - NA - | 5.11   |
| UREA                        | 23.0   | 13.5   |
| BLOOD UREA NITROGEN (BUN)   | - NA - | 6.3    |
| CREATININE, SERUM           | 0.87   | 1.0    |
| IONIZED CALCIUM             | - NA - | 58.0   |
| TOTAL CALCIUM               | 9.7    | 80.0   |
| PHOSPHORUS                  | 3.5    | 3.7    |
| SODIUM                      | 140.0  | 139.0  |
| POTASSIUM                   | 4.97   | 4.4    |
| CHLORIDE                    | 106.0  | 98.0   |
| MAGNESIUM                   | - NA - | 1.8    |
| BILIRUBIN (TOTAL)           | 0.62   | 0.5    |
| BILIRUBIN (DIRECT)          | 0.15   | 0.21   |
| BILIRUBIN (INDIRECT)        | 0.47   | 0.29   |
| S.G.O.T.                    | 35.0   | - NA - |
| ALKALINE PHOSPHATASE        | 86.0   | 89.0   |

# TECHNICAL REPORT

| Label                             | Now    | Before |
|-----------------------------------|--------|--------|
| G.G.T.P.                          | 48.0   | 24.0   |
| SERUM TOTAL PROTEINS              | 7.1    | 7.6    |
| SERUM ALBUMIN                     | 4.6    | 866.0  |
| A/G RATIO                         | - NA - | 1.92   |
| TRANSFERRIN SATURATION            | - NA - | 34.92  |
| FREE TRIJODOTHYRONINE [FT3],SERUM | 1.59   | - NA - |
| FREE THYROXINE [FT4],SERUM        | 8.6    | - NA - |
| T.S.H.[ULTRA]                     | 4.03   | 1.78   |
| VITAMIN D, 25-HYDROXY             | 103.11 | - NA - |
| BLOOD GLUCOSE (FASTING)           | 123.0  | - NA - |
| HBA1C                             | 5.9    | 5.2    |
| HOMOCYSTEINE                      | - NA - | 14.99  |
| Areas to work on                  |        |        |
| NEUTROPHILS %                     | 39.8   | 52.0   |
| LYMPHOCYTES %                     | 46.8   | 39.0   |
| MONOCYTES %                       | 10.1   | 6.0    |
| CHOLESTEROL                       | 225.0  | 230.0  |

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# TECHNICAL REPORT

| Label                       | Now   | Before |
|-----------------------------|-------|--------|
| TRIGLYCERIDES               | 215.0 | 76.0   |
| L.D.L. CHOLESTEROL (DIRECT) | 147.7 | 162.0  |
| NON H.D.L. CHOLESTEROL      | 191.0 | 185.0  |
| URIC ACID                   | 7.6   | 5.8    |

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# OVERVIEW REPORT

The below parameters have come in natural range

HAEMOGLOBIN

RED BLOOD CELL COUNT

MEAN CORPUSCULAR VOLUME (MCV)

MEAN CORPUSULAR HB CONC (MCHC)

PLATELET COUNT

EOSINOPHILS %

ABSOLUTE NEUTROPHILS

ABSOLUTE MONOCYTES

ABSOLUTE BASOPHILS

SERUM VLDL CHOLESTEROL

UREA

CREATININE, SERUM

TOTAL CALCIUM

SODIUM

CHLORIDE

BILIRUBIN (TOTAL)

BILIRUBIN (INDIRECT)

TOTAL LEUCOCYTE COUNT (WBC)

PACKED CELL VOLUME( HEMATOCRIT)

MEAN CORPUSULAR HB (MCH)

RED CELL DISTRIBUTION WIDTH (RDW-CV)

ESR

BASOPHILS %

ABSOLUTE LYMPHOCYTES

ABSOLUTE EOSINOPHILS

H.D.L. CHOLESTEROL

SERUM CHOLESTEROL-HDL RATIO

BLOOD UREA NITROGEN (BUN)

IONIZED CALCIUM

PHOSPHORUS

POTASSIUM

MAGNESIUM

BILIRUBIN (DIRECT)

S.G.O.T.

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## OVERVIEW REPORT

ALKALINE PHOSPHATASE

SERUM TOTAL PROTEINS

A/G RATIO

FREE TRIJODOTHYRONINE [FT3],SERUM

T.S.H.[ULTRA]

BLOOD GLUCOSE (FASTING)

HOMOCYSTEINE

G.G.T.P.

SERUM ALBUMIN

TRANSFERRIN SATURATION

FREE THYROXINE [FT4],SERUM

VITAMIN D, 25-HYDROXY

HBA1C

The below parameters require attention

NEUTROPHILS %

MONOCYTES %

TRIGLYCERIDES

NON H.D.L. CHOLESTEROL

LYMPHOCYTES %

CHOLESTEROL

L.D.L. CHOLESTEROL (DIRECT)

URIC ACID