

IMPROVED

LOW

HIGH

NORMAL

IMPROVED,STILL OUT OF RANGE

LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
HAEMATOLOGY					
HAEMOGLOBIN Range	14.3 13.0 - 17.0	13.1 11.0 - 15.0	13.1 11.0 - 15.0	14.3 13.0 - 17.0	13.1 11.0 - 15.0
TOTAL LEUCOCYTE COUNT (WBC) Range	4340.0 4000.0 - 11000.0	6210.0 4000.0 - 11000.0	6210.0 4000.0 - 11000.0	4340.0 4000.0 - 11000.0	6210.0 4000.0 - 11000.0
RED BLOOD CELL COUNT Range	- None - None	4.21 42.0 - 55.0	4.21 42.0 - 55.0	452.0 45.0 - 55.0	4.21 42.0 - 55.0
PACKED CELL VOLUME(HEMATOCRIT) Range	43.1 40.0 - 50.0	40.8 36.0 - 46.0	40.8 36.0 - 46.0	43.1 40.0 - 50.0	40.8 36.0 - 46.0
MEAN CORPUSCULAR VOLUME (MCV) Range	95.35 83.0 - 101.0	96.91 79.0 - 98.0	96.91 79.0 - 98.0	95.35 83.0 - 101.0	96.91 79.0 - 98.0
MEAN CORPUSULAR HB (MCH) Range	31.64 27.0 - 32.6	31.12 26.0 - 32.0	31.12 26.0 - 32.0	31.64 27.0 - 32.6	31.12 26.0 - 32.0
MEAN CORPUSULAR HB CONC (MCHC) Range	33.18 31.5 - 34.5	32.11 30.0 - 36.0	32.11 30.0 - 36.0	33.18 31.5 - 34.5	32.11 30.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) Range	12.7 11.6 - 14.0	13.2 11.5 - 15.5	13.2 11.5 - 15.5	12.7 11.6 - 14.0	13.2 11.5 - 15.5

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
PLATELET COUNT Range	245.0 150.0 - 410.0	333000.0 150000.0 - 450000.0	333000.0 150000.0 - 450000.0	245.0 150.0 - 410.0	333000.0 150000.0 - 450000.0

ERYTHROCYTE SEDIMENTATION RATE (E.S.R.)

ESR Range	2.0 0.0 - 15.0	11.0 0.0 - 30.0	11.0 0.0 - 30.0	2.0 0.0 - 15.0	11.0 0.0 - 30.0
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DIFFERENTIAL LEUCOCYTE COUNT %

NEUTROPHILS % Range	- None - None	54.0 40.0 - 80.0	54.0 40.0 - 80.0	- None - None	54.0 40.0 - 80.0
LYMPHOCYTES % Range	53.0 25.0 - 44.0	38.0 20.0 - 40.0	38.0 20.0 - 40.0	53.0 25.0 - 44.0	38.0 20.0 - 40.0
MONOCYTES % Range	7.0 0.0 - 7.0	6.0 2.0 - 10.0	6.0 2.0 - 10.0	7.0 0.0 - 7.0	6.0 2.0 - 10.0
EOSINOPHILS % Range	2.0 0.0 - 4.0	1.0 1.0 - 6.0	1.0 1.0 - 6.0	2.0 0.0 - 4.0	1.0 1.0 - 6.0
BASOPHILS % Range	- None - None	1.0 0.0 - 2.0	1.0 0.0 - 2.0	- None - None	1.0 0.0 - 2.0

ABSOLUTE LYMPHOCYTES COUNT

ABSOLUTE NEUTROPHILS Range	1649.2 2000.0 - 7000.0	3353.0 1800.0 - 7700.0	3353.0 1800.0 - 7700.0	1649.2 2000.0 - 7000.0	3353.0 1800.0 - 7700.0
ABSOLUTE LYMPHOCYTES Range	- None - None	38.0 20.0 - 40.0	38.0 20.0 - 40.0	- None - None	38.0 20.0 - 40.0

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
ABSOLUTE MONOCYTES Range	- None - None	6.0 2.0 - 10.0	6.0 2.0 - 10.0	- None - None	6.0 2.0 - 10.0
ABSOLUTE EOSINOPHILS Range	86.8 20.0 - 500.0	1.0 1.0 - 6.0	1.0 1.0 - 6.0	86.8 20.0 - 500.0	1.0 1.0 - 6.0
ABSOLUTE BASOPHILS Range	- None - None	1.0 0.0 - 2.0	1.0 0.0 - 2.0	- None - None	1.0 0.0 - 2.0
LIPID PROFILE					
CHOLESTEROL Range	163.9 80.0 - 200.0	- None - None	3.51 None - None	163.9 80.0 - 200.0	3.51 None - None
TRIGLYCERIDES Range	69.05 40.0 - 150.0	- None - None	65.0 50.0 - 150.0	69.05 40.0 - 150.0	65.0 50.0 - 150.0
H.D.L. CHOLESTEROL Range	58.6 30.0 - 60.0	- None - None	74.0 30.0 - 75.0	58.6 30.0 - 60.0	74.0 30.0 - 75.0
L.D.L. CHOLESTEROL (DIRECT) Range	91.49 30.0 - 100.0	- None - None	154.0 30.0 - 100.0	91.49 30.0 - 100.0	154.0 30.0 - 100.0
SERUM VLDL CHOLESTEROL Range	13.81 24.0 - 45.0	13.0 10.0 - 30.0	13.0 10.0 - 30.0	13.81 24.0 - 45.0	13.0 10.0 - 30.0
NON H.D.L. CHOLESTEROL Range	- None - None	186.0 None - None	186.0 None - None	- None - None	186.0 None - None

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
SERUM CHOLESTEROL-HDL RATIO Range	2.8 0.0 - 4.0	3.51 None - None	3.51 None - None	2.8 0.0 - 4.0	3.51 None - None
LDL/HDL CHOLESTEROL RATIO Range	1.56 0.0 - 3.0	- None - None	- None - None	1.56 0.0 - 3.0	- None - None
KIDNEY					
UREA Range	16.04 12.0 - 45.0	- None - None	- None - None	16.04 12.0 - 45.0	- None - None
BLOOD UREA NITROGEN (BUN) Range	- None - None	6.3 4.7 - 23.4	6.3 4.7 - 23.4	- None - None	6.3 4.7 - 23.4
CREATININE, SERUM Range	0.76 0.7 - 1.2	0.82 0.5 - 1.3	0.82 0.5 - 1.3	0.76 0.7 - 1.2	0.82 0.5 - 1.3
URIC ACID Range	7.0 3.4 - 7.0	- None - None	- None - None	7.0 3.4 - 7.0	4.5 2.0 - 7.0
MINERALS					
IONIZED CALCIUM Range	- None - None	8.0 4.1 - 1.28	8.0 4.1 - 1.28	- None - None	8.0 4.1 - 1.28
TOTAL CALCIUM Range	- None - None	84.0 8.8 - 10.2	84.0 8.8 - 10.2	- None - None	84.0 8.8 - 10.2

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LABEL

16/03/21

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16/03/21

16/03/21

BIOCHEMISTRY

PHOSPHORUS

Range

-

None - None

4.1

2.5 - 4.5

4.1

2.5 - 4.5

-

None - None

4.1

2.5 - 4.5

SODIUM

Range

139.8

130.0 - 149.0

143.0

132.0 - 150.0

143.0

132.0 - 150.0

139.8

130.0 - 149.0

143.0

132.0 - 150.0

POTASSIUM

Range

5.0

3.5 - 5.0

5.0

3.5 - 5.0

5.0

3.5 - 5.0

5.0

3.5 - 5.0

5.0

3.5 - 5.0

CHLORIDE

Range

103.2

97.0 - 107.0

102.0

98.0 - 107.0

102.0

98.0 - 107.0

103.2

97.0 - 107.0

102.0

98.0 - 107.0

MAGNESIUM

Range

1.6

1.6 - 2.6

-

None - None

2.0

1.6 - 2.4

1.6

None - None

2.0

1.6 - 2.4

LIVER

BILIRUBIN
(TOTAL)

Range

0.7

0.0 - 1.2

0.6

0.2 - 1.0

0.6

0.2 - 1.0

0.7

0.0 - 1.2

0.6

0.2 - 1.0

BILIRUBIN
(DIRECT)

Range

0.33

0.0 - 0.3

0.28

0.0 - 0.3

0.28

0.0 - 0.3

0.33

0.0 - 0.3

0.28

0.0 - 0.3

BILIRUBIN
(INDIRECT)

Range

0.37

0.0 - 0.7

0.32

0.1 - 0.8

0.32

0.1 - 0.8

0.37

0.0 - 0.7

0.32

0.1 - 0.8

S.G.O.T.

Range

23.2

1.0 - 40.0

-

None - None

-

None - None

23.2

1.0 - 40.0

-

None - None

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
S.G.P.T. Range	25.3 2.0 - 41.0	- None - None	- None - None	25.3 2.0 - 41.0	- None - None
ALKALINE PHOSPHATASE Range	54.2 40.0 - 130.0	47.0 35.0 - 104.0	47.0 35.0 - 104.0	54.2 40.0 - 130.0	47.0 35.0 - 104.0
G.G.T.P. Range	28.1 8.0 - 61.0	15.0 6.0 - 42.0	15.0 6.0 - 42.0	28.1 8.0 - 61.0	15.0 6.0 - 42.0
SERUM TOTAL PROTEINS Range	7.0 6.4 - 8.3	8.2 6.0 - 85.0	8.2 6.0 - 85.0	7.0 6.4 - 8.3	8.2 6.0 - 85.0
SERUM ALBUMIN Range	49.0 3.5 - 5.2	806.0 3.5 - 5.0	806.0 3.5 - 5.0	49.0 3.5 - 5.2	806.0 3.5 - 5.0
SERUM GLOBULIN Range	2.2 2.0 - 3.5	- None - None	- None - None	2.2 2.0 - 3.5	- None - None
A/G RATIO Range	2.23 1.0 - 2.0	- None - None	- None - None	2.23 1.0 - 2.0	- None - None
IMMUNOGLOBULIN PROFILE,SERUM					
IGE LEVEL, SERUM Range	74.07 0.0 - 100.0	- None - None	- None - None	74.07 0.0 - 100.0	- None - None
IRON STUDIES, SERUM					
IRON SERUM Range	95.1 33.0 - 193.0	- None - None	- None - None	95.1 33.0 - 193.0	- None - None
TOTAL IRON BINDING CAPACITY (TIBC) Range	296.4 250.0 - 450.0	- None - None	- None - None	296.4 250.0 - 450.0	- None - None

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
UNSATURATED IRON BINDING CAPACITY (UIBC) Range	201.3 125.0 - 345.0	- None - None	- None - None	201.3 125.0 - 345.0	- None - None
FERRITIN, SERUM Range	108.6 23.9 - 336.2	- None - None	- None - None	108.6 23.9 - 336.2	- None - None
TRANSFERRIN SATURATION Range	- None - None	27.27 20.0 - 50.0	27.27 20.0 - 50.0	- None - None	27.27 20.0 - 50.0
THYROID PROFILE					
FREE TRIJODOTHYRONINE [FT3],SERUM Range	453.0 3.8 - 6.0	3.01 18.0 - 46.0	3.01 18.0 - 46.0	453.0 3.8 - 6.0	3.01 18.0 - 46.0
FREE THYROXINE [FT4],SERUM Range	12.19 7.0 - 15.96	- None - None	- None - None	12.19 7.0 - 15.96	- None - None
T.S.H.[ULTRA] Range	0.744 0.45 - 5.33	2.58 0.27 - 4.2	2.58 0.27 - 4.2	0.744 0.45 - 5.33	2.58 0.27 - 4.2
HORMONES					
PARATHYROID HORMONE LEVEL , SERUM Range	- None - None	37.71 15.0 - 65.0	37.71 15.0 - 65.0	- None - None	37.71 15.0 - 65.0
VITAMINS					
VITAMIN B-12 LEVEL, SERUM(ECLIA) Range	240.7 197.0 - 771.0	- None - None	- None - None	240.7 None - None	- None - None

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
VITAMIN D-3 LEVEL, SERUM (ECLIA) Range	- None - None	53.8 25.0 - 100.0	53.8 25.0 - 100.0	- None - None	53.8 25.0 - 100.0
VITAMIN D, 25-HYDROXY Range	85.7 75.0 - 250.0	- None - None	- None - None	85.7 75.0 - 250.0	- None - None
FOLIC ACID LEVEL Range	- None - None	20.0 3.1 - 20.5	20.0 3.1 - 20.5	- None - None	20.0 3.1 - 20.5
FOLATE Range	10.0 4.5 - 32.2	- None - None	- None - None	10.0 4.5 - 32.2	- None - None
IMMUNOTURBIMETRY					
BLOOD GLUCOSE (FASTING) Range	95.0 60.0 - 100.0	- None - None	- None - None	60.0 None - None	- None - None
HBA1C Range	5.5 4.0 - 5.6	1.0 None - None	1.0 None - None	55.0 None - None	1.0 None - None
INSULIN LEVEL (FASTING) PLASMA Range	9.4 2.6 - 24.9	- None - None	- None - None	9.4 2.6 - 24.9	- None - None
INSULIN LEVEL (POSTPRANDOIAL) PLASMA Range	11.83 4.0 - 56.0	- None - None	- None - None	11.83 4.0 - 56.0	- None - None
APOLIPOPROTEINS A1 & B,SERUM					

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LABEL	16/03/21	16/03/21	16/03/21	16/03/21	16/03/21
APOLIPOPROTEIN (APO A1) Range	- None - None	1.0 108.0 - 225.0	1.0 108.0 - 225.0	- None - None	1.0 108.0 - 225.0
APOLIPOPROTEIN (APO B) Range	- None - None	116.0 60.0 - 117.0	116.0 60.0 - 117.0	- None - None	116.0 60.0 - 117.0
APO B/APO A1 RATIO Range	- None - None	0.43 0.35 - 0.98	0.43 0.35 - 0.98	- None - None	0.43 0.35 - 0.98
OTHER PROFILE					
HOMOCYSTEINE Range	10.8 0.0 - 15.0	- None - None	- None - None	10.8 0.0 - 15.0	- None - None

TECHNICAL REPORT

Label	Now	Before
Improvement seen		
HAEMOGLOBIN	14.3	13.1
TOTAL LEUCOCYTE COUNT (WBC)	4340.0	6210.0
RED BLOOD CELL COUNT	- NA -	4.21
PACKED CELL VOLUME(HEMATOCRIT)	43.1	40.8
MEAN CORPUSCULAR VOLUME (MCV)	95.35	96.91
MEAN CORPUSULAR HB (MCH)	31.64	31.12
MEAN CORPUSULAR HB CONC (MCHC)	33.18	32.11
RED CELL DISTRIBUTION WIDTH (RDW-CV)	12.7	13.2
PLATELET COUNT	245.0	333000.0
ESR	2.0	11.0
NEUTROPHILS %	- NA -	54.0
MONOCYTES %	7.0	6.0
EOSINOPHILS %	2.0	1.0
BASOPHILS %	- NA -	1.0
ABSOLUTE LYMPHOCYTES	- NA -	38.0
ABSOLUTE MONOCYTES	- NA -	6.0
ABSOLUTE EOSINOPHILS	86.8	1.0

TECHNICAL REPORT

Label	Now	Before
ABSOLUTE BASOPHILS	- NA -	1.0
CHOLESTEROL	163.9	- NA -
TRIGLYCERIDES	69.05	- NA -
H.D.L. CHOLESTEROL	58.6	- NA -
L.D.L. CHOLESTEROL (DIRECT)	91.49	- NA -
NON H.D.L. CHOLESTEROL	- NA -	186.0
SERUM CHOLESTEROL-HDL RATIO	2.8	3.51
LDL/HDL CHOLESTEROL RATIO	1.56	- NA -
UREA	16.04	- NA -
BLOOD UREA NITROGEN (BUN)	- NA -	6.3
CREATININE, SERUM	0.76	0.82
URIC ACID	7.0	- NA -
IONIZED CALCIUM	- NA -	8.0
TOTAL CALCIUM	- NA -	84.0
PHOSPHORUS	- NA -	4.1
SODIUM	139.8	143.0
POTASSIUM	5.0	5.0
CHLORIDE	103.2	102.0

TECHNICAL REPORT

Label	Now	Before
MAGNESIUM	1.6	- NA -
BILIRUBIN (TOTAL)	0.7	0.6
BILIRUBIN (INDIRECT)	0.37	0.32
S.G.O.T.	23.2	- NA -
S.G.P.T.	25.3	- NA -
ALKALINE PHOSPHATASE	54.2	47.0
G.G.T.P.	28.1	15.0
SERUM TOTAL PROTEINS	7.0	8.2
SERUM GLOBULIN	2.2	- NA -
IGE LEVEL, SERUM	74.07	- NA -
IRON SERUM	95.1	- NA -
TOTAL IRON BINDING CAPACITY (TIBC)	296.4	- NA -
UNSATURATED IRON BINDING CAPACITY (UIBC)	201.3	- NA -
FERRITIN, SERUM	108.6	- NA -
TRANSFERRIN SATURATION	- NA -	27.27
FREE THYROXINE [FT4],SERUM	12.19	- NA -
T.S.H.[ULTRA]	0.744	2.58
PARATHYROID HORMONE LEVEL , SERUM	- NA -	37.71

TECHNICAL REPORT

Label	Now	Before
VITAMIN B-12 LEVEL, SERUM(ECLIA)	240.7	- NA -
VITAMIN D-3 LEVEL, SERUM (ECLIA)	- NA -	53.8
VITAMIN D, 25-HYDROXY	85.7	- NA -
FOLIC ACID LEVEL	- NA -	20.0
FOLATE	10.0	- NA -
BLOOD GLUCOSE (FASTING)	95.0	- NA -
HBA1C	5.5	1.0
INSULIN LEVEL (FASTING) PLASMA	9.4	- NA -
INSULIN LEVEL (POSTPRANDOIAL) PLASMA	11.83	- NA -
APOLIPOPROTEIN (APO A1)	- NA -	1.0
APOLIPOPROTEIN (APO B)	- NA -	116.0
APO B/APO A1 RATIO	- NA -	0.43
HOMOCYSTEINE	10.8	- NA -

Areas to work on

LYMPHOCYTES %	53.0	38.0
ABSOLUTE NEUTROPHILS	1649.2	3353.0
SERUM VLDL CHOLESTEROL	13.81	13.0

TECHNICAL REPORT

Label	Now	Before
BILIRUBIN (DIRECT)	0.33	0.28
SERUM ALBUMIN	49.0	806.0
A/G RATIO	2.23	- NA -
FREE TRIJODOTHYRONINE [FT3],SERUM	453.0	3.01

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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

NEUTROPHILS %

EOSINOPHILS %

ABSOLUTE LYMPHOCYTES

ABSOLUTE EOSINOPHILS

CHOLESTEROL

H.D.L. CHOLESTEROL

NON H.D.L. CHOLESTEROL

LDL/HDL CHOLESTEROL RATIO

BLOOD UREA NITROGEN (BUN)

URIC ACID

TOTAL CALCIUM

SODIUM

TOTAL LEUCOCYTE COUNT (WBC)

PACKED CELL VOLUME(HEMATOCRIT)

MEAN CORPUSULAR HB (MCH)

RED CELL DISTRIBUTION WIDTH (RDW-CV)

ESR

MONOCYTES %

BASOPHILS %

ABSOLUTE MONOCYTES

ABSOLUTE BASOPHILS

TRIGLYCERIDES

L.D.L. CHOLESTEROL (DIRECT)

SERUM CHOLESTEROL-HDL RATIO

UREA

CREATININE, SERUM

IONIZED CALCIUM

PHOSPHORUS

POTASSIUM

OVERVIEW REPORT

CHLORIDE

BILIRUBIN (TOTAL)

S.G.O.T.

ALKALINE PHOSPHATASE

SERUM TOTAL PROTEINS

IGE LEVEL, SERUM

TOTAL IRON BINDING CAPACITY (TIBC)

FERRITIN, SERUM

FREE THYROXINE [FT4],SERUM

PARATHYROID HORMONE LEVEL , SERUM

VITAMIN D-3 LEVEL, SERUM (ECLIA)

FOLIC ACID LEVEL

BLOOD GLUCOSE (FASTING)

INSULIN LEVEL (FASTING) PLASMA

APOLIPOPROTEIN (APO A1)

APO B/APO A1 RATIO

MAGNESIUM

BILIRUBIN (INDIRECT)

S.G.P.T.

G.G.T.P.

SERUM GLOBULIN

IRON SERUM

UNSATURATED IRON BINDING CAPACITY (UIBC)

TRANSFERRIN SATURATION

T.S.H.[ULTRA]

VITAMIN B-12 LEVEL, SERUM(ECLIA)

VITAMIN D, 25-HYDROXY

FOLATE

HBA1C

INSULIN LEVEL (POSTPRANDOIAL) PLASMA

APOLIPOPROTEIN (APO B)

HOMOCYSTEINE

The below parameters require attention

OVERVIEW REPORT

LYMPHOCYTES %

ABSOLUTE NEUTROPHILS

SERUM VLDL CHOLESTEROL

BILIRUBIN (DIRECT)

SERUM ALBUMIN

A/G RATIO

FREE TRIJODOTHYRONINE [FT3],SERUM