

IMPROVED

LOW

HIGH

NORMAL

IMPROVED,STILL OUT OF RANGE

LABEL	16/03/21	16/03/21	-	-	-
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HAEMATOLOGY

HAEMOGLOBIN Range	16.3 13.0 - 17.0	14.3 13.0 - 17.0	-	-	-
TOTAL LEUCOCYTE COUNT (WBC) Range	- None - None	4340.0 4000.0 - 11000.0	-	-	-
RED BLOOD CELL COUNT Range	5.31 45.0 - 55.0	452.0 45.0 - 55.0	-	-	-
PACKED CELL VOLUME(HEMATOCRIT) Range	47.1 40.0 - 50.0	43.1 40.0 - 50.0	-	-	-
MEAN CORPUSCULAR VOLUME (MCV) Range	88.7 80.0 - 100.0	95.35 83.0 - 101.0	-	-	-
MEAN CORPUSULAR HB (MCH) Range	30.7 26.0 - 32.0	31.64 27.0 - 32.6	-	-	-
MEAN CORPUSULAR HB CONC (MCHC) Range	34.61 32.0 - 37.0	33.18 31.5 - 34.5	-	-	-
RED CELL DISTRIBUTION WIDTH (RDW-CV) Range	12.1 11.5 - 15.5	12.7 11.6 - 14.0	-	-	-

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LABEL

16/03/21

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-

-

-

PLATELET COUNT
Range327000.0
150000.0 - 450000.0245.0
150.0 - 410.0

-

-

-

ERYTHROCYTE SEDIMENTATION RATE (E.S.R.)

ESR
Range2.0
0.0 - 15.02.0
0.0 - 15.0

-

-

-

DIFFERENTIAL LEUCOCYTE COUNT %

NEUTROPHILS %
Range52.0
40.0 - 80.0-
None - None

-

-

-

LYMPHOCYTES %
Range39.0
20.0 - 40.053.0
25.0 - 44.0

-

-

-

MONOCYTES %
Range6.0
2.0 - 10.07.0
0.0 - 7.0

-

-

-

EOSINOPHILS %
Range2.0
1.0 - 6.02.0
0.0 - 4.0

-

-

-

BASOPHILS %
Range1.0
0.0 - 2.0-
None - None

-

-

-

ABSOLUTE LYMPHOCYTES COUNT

ABSOLUTE
NEUTROPHILS
Range1799.0
1800.0 - 7700.01649.2
2000.0 - 7000.0

-

-

-

ABSOLUTE
LYMPHOCYTES
Range39.0
20.0 - 40.0-
None - None

-

-

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LABEL	16/03/21	16/03/21	-	-	-
ABSOLUTE MONOCYTES Range	6.0 2.0 - 10.0	- None - None	-	-	-
ABSOLUTE EOSINOPHILS Range	2.0 1.0 - 6.0	86.8 20.0 - 500.0	-	-	-
ABSOLUTE BASOPHILS Range	1.0 0.0 - 2.0	- None - None	-	-	-
LIPID PROFILE					
CHOLESTEROL Range	230.0 130.0 - 220.0	163.9 80.0 - 200.0	-	-	-
TRIGLYCERIDES Range	76.0 50.0 - 150.0	69.05 40.0 - 150.0	-	-	-
H.D.L. CHOLESTEROL Range	45.0 30.0 - 75.0	58.6 30.0 - 60.0	-	-	-
L.D.L. CHOLESTEROL (DIRECT) Range	162.0 30.0 - 100.0	91.49 30.0 - 100.0	-	-	-
SERUM VLDL CHOLESTEROL Range	15.2 10.0 - 30.0	13.81 24.0 - 45.0	-	-	-
NON H.D.L. CHOLESTEROL Range	185.0 None - None	- None - None	-	-	-

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SERUM CHOLESTEROL-HDL RATIO Range	5.11 None - None	2.8 0.0 - 4.0	-	-	-
LDL/HDL CHOLESTEROL RATIO Range	- None - None	1.56 0.0 - 3.0	-	-	-
KIDNEY					
UREA Range	13.5 10.0 - 50.0	16.04 12.0 - 45.0	-	-	-
BLOOD UREA NITROGEN (BUN) Range	6.3 4.7 - 23.4	- None - None	-	-	-
CREATININE, SERUM Range	1.0 0.5 - 1.3	0.76 0.7 - 1.2	-	-	-
URIC ACID Range	5.8 2.0 - 7.0	7.0 3.4 - 7.0	-	-	-
MINERALS					
IONIZED CALCIUM Range	58.0 1.1 - 1.25	- None - None	-	-	-
TOTAL CALCIUM Range	80.0 8.6 - 10.0	- None - None	-	-	-

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BIOCHEMISTRY

PHOSPHORUS Range	3.7 2.5 - 4.5	- None - None	-	-	-
SODIUM Range	139.0 132.0 - 150.0	139.8 130.0 - 149.0	-	-	-
POTASSIUM Range	4.4 3.5 - 5.0	5.0 3.5 - 5.0	-	-	-
CHLORIDE Range	98.0 98.0 - 107.0	103.2 97.0 - 107.0	-	-	-
MAGNESIUM Range	1.8 1.6 - 2.6	1.6 None - None	-	-	-

LIVER

BILIRUBIN (TOTAL) Range	0.5 0.2 - 1.0	0.7 0.0 - 1.2	-	-	-
BILIRUBIN (DIRECT) Range	0.21 0.0 - 0.3	0.33 0.0 - 0.3	-	-	-
BILIRUBIN (INDIRECT) Range	0.29 0.1 - 0.8	0.37 0.0 - 0.7	-	-	-
S.G.O.T. Range	- None - None	23.2 1.0 - 40.0	-	-	-

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LABEL	16/03/21	16/03/21	-	-	-
S.G.P.T. Range	- None - None	25.3 2.0 - 41.0	-	-	-
ALKALINE PHOSPHATASE Range	89.0 40.0 - 129.0	54.2 40.0 - 130.0	-	-	-
G.G.T.P. Range	24.0 10.0 - 71.0	28.1 8.0 - 61.0	-	-	-
SERUM TOTAL PROTEINS Range	7.6 6.0 - 85.0	7.0 6.4 - 8.3	-	-	-
SERUM ALBUMIN Range	866.0 3.5 - 5.0	49.0 3.5 - 5.2	-	-	-
SERUM GLOBULIN Range	- None - None	2.2 2.0 - 3.5	-	-	-
A/G RATIO Range	1.92 1.1 - 2.2	2.23 1.0 - 2.0	-	-	-
IMMUNOGLOBULIN PROFILE,SERUM					
IGE LEVEL, SERUM Range	- None - None	74.07 0.0 - 100.0	-	-	-
IRON STUDIES, SERUM					
IRON SERUM Range	- None - None	95.1 33.0 - 193.0	-	-	-
TOTAL IRON BINDING CAPACITY (TIBC) Range	- None - None	296.4 250.0 - 450.0	-	-	-

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LABEL	16/03/21	16/03/21	-	-	-
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UNSATURATED IRON BINDING CAPACITY (UIBC) Range	- None - None	201.3 125.0 - 345.0	-	-	-
FERRITIN, SERUM Range	- None - None	108.6 23.9 - 336.2	-	-	-
TRANSFERRIN SATURATION Range	34.92 20.0 - 50.0	- None - None	-	-	-

THYROID PROFILE

FREE TRIJODOTHYRONINE [FT3],SERUM Range	- None - None	453.0 3.8 - 6.0	-	-	-
FREE THYROXINE [FT4],SERUM Range	- None - None	12.19 7.0 - 15.96	-	-	-
T.S.H.[ULTRA] Range	1.78 0.27 - 4.2	0.744 0.45 - 5.33	-	-	-

VITAMINS

VITAMIN B-12 LEVEL, SERUM(ECLIA) Range	- None - None	240.7 None - None	-	-	-
VITAMIN D, 25-HYDROXY Range	- None - None	85.7 75.0 - 250.0	-	-	-

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LABEL	16/03/21	16/03/21	-	-	-
FOLATE Range	- None - None	10.0 4.5 - 32.2	-	-	-

IMMUNOTURBIMETRY

BLOOD GLUCOSE (FASTING) Range	- None - None	60.0 None - None	-	-	-
HBA1C Range	1.0 None - None	55.0 None - None	-	-	-
INSULIN LEVEL (FASTING) PLASMA Range	- None - None	9.4 2.6 - 24.9	-	-	-
INSULIN LEVEL (POSTPRANDOIAL) PLASMA Range	- None - None	11.83 4.0 - 56.0	-	-	-

OTHER PROFILE

HOMOCYSTEINE Range	14.99 5.0 - 15.0	10.8 0.0 - 15.0	-	-	-
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TECHNICAL REPORT

Label	Now	Before
Improvement seen		
HAEMOGLOBIN	16.3	14.3
TOTAL LEUCOCYTE COUNT (WBC)	- NA -	4340.0
PACKED CELL VOLUME(HEMATOCRIT)	47.1	43.1
MEAN CORPUSCULAR VOLUME (MCV)	88.7	95.35
MEAN CORPUSULAR HB (MCH)	30.7	31.64
MEAN CORPUSULAR HB CONC (MCHC)	34.61	33.18
RED CELL DISTRIBUTION WIDTH (RDW-CV)	12.1	12.7
PLATELET COUNT	327000.0	245.0
ESR	2.0	2.0
NEUTROPHILS %	52.0	- NA -
LYMPHOCYTES %	39.0	53.0
MONOCYTES %	6.0	7.0
EOSINOPHILS %	2.0	2.0
BASOPHILS %	1.0	- NA -
ABSOLUTE LYMPHOCYTES	39.0	- NA -
ABSOLUTE MONOCYTES	6.0	- NA -
ABSOLUTE EOSINOPHILS	2.0	86.8

TECHNICAL REPORT

Label	Now	Before
ABSOLUTE BASOPHILS	1.0	- NA -
TRIGLYCERIDES	76.0	69.05
H.D.L. CHOLESTEROL	45.0	58.6
SERUM VLDL CHOLESTEROL	15.2	13.81
NON H.D.L. CHOLESTEROL	185.0	- NA -
SERUM CHOLESTEROL-HDL RATIO	5.11	2.8
LDL/HDL CHOLESTEROL RATIO	- NA -	1.56
UREA	13.5	16.04
BLOOD UREA NITROGEN (BUN)	6.3	- NA -
CREATININE, SERUM	1.0	0.76
URIC ACID	5.8	7.0
PHOSPHORUS	3.7	- NA -
SODIUM	139.0	139.8
POTASSIUM	4.4	5.0
CHLORIDE	98.0	103.2
MAGNESIUM	1.8	1.6
BILIRUBIN (TOTAL)	0.5	0.7
BILIRUBIN (DIRECT)	0.21	0.33

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TECHNICAL REPORT

Label	Now	Before
BILIRUBIN (INDIRECT)	0.29	0.37
S.G.O.T.	- NA -	23.2
S.G.P.T.	- NA -	25.3
ALKALINE PHOSPHATASE	89.0	54.2
G.G.T.P.	24.0	28.1
SERUM TOTAL PROTEINS	7.6	7.0
SERUM GLOBULIN	- NA -	2.2
A/G RATIO	1.92	2.23
IGE LEVEL, SERUM	- NA -	74.07
IRON SERUM	- NA -	95.1
TOTAL IRON BINDING CAPACITY (TIBC)	- NA -	296.4
UNSATURATED IRON BINDING CAPACITY (UIBC)	- NA -	201.3
FERRITIN, SERUM	- NA -	108.6
TRANSFERRIN SATURATION	34.92	- NA -
FREE TRIJODOTHYRONINE [FT3],SERUM	- NA -	453.0
FREE THYROXINE [FT4],SERUM	- NA -	12.19
T.S.H.[ULTRA]	1.78	0.744
VITAMIN B-12 LEVEL, SERUM(ECLIA)	- NA -	240.7

TECHNICAL REPORT

Label	Now	Before
VITAMIN D, 25-HYDROXY	- NA -	85.7
FOLATE	- NA -	10.0
BLOOD GLUCOSE (FASTING)	- NA -	60.0
HBA1C	1.0	55.0
INSULIN LEVEL (FASTING) PLASMA	- NA -	9.4
INSULIN LEVEL (POSTPRANDOIAL) PLASMA	- NA -	11.83
HOMOCYSTEINE	14.99	10.8

Areas to work on

RED BLOOD CELL COUNT	5.31	452.0
ABSOLUTE NEUTROPHILS	1799.0	1649.2
CHOLESTEROL	230.0	163.9
L.D.L. CHOLESTEROL (DIRECT)	162.0	91.49
IONIZED CALCIUM	58.0	- NA -
TOTAL CALCIUM	80.0	- NA -
SERUM ALBUMIN	866.0	49.0

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OVERVIEW REPORT

The below parameters have come in natural range

HAEMOGLOBIN

PACKED CELL VOLUME(HEMATOCRIT)

MEAN CORPUSULAR HB (MCH)

RED CELL DISTRIBUTION WIDTH (RDW-CV)

ESR

LYMPHOCYTES %

EOSINOPHILS %

ABSOLUTE LYMPHOCYTES

ABSOLUTE EOSINOPHILS

TRIGLYCERIDES

SERUM VLDL CHOLESTEROL

SERUM CHOLESTEROL-HDL RATIO

UREA

CREATININE, SERUM

PHOSPHORUS

POTASSIUM

MAGNESIUM

TOTAL LEUCOCYTE COUNT (WBC)

MEAN CORPUSCULAR VOLUME (MCV)

MEAN CORPUSULAR HB CONC (MCHC)

PLATELET COUNT

NEUTROPHILS %

MONOCYTES %

BASOPHILS %

ABSOLUTE MONOCYTES

ABSOLUTE BASOPHILS

H.D.L. CHOLESTEROL

NON H.D.L. CHOLESTEROL

LDL/HDL CHOLESTEROL RATIO

BLOOD UREA NITROGEN (BUN)

URIC ACID

SODIUM

CHLORIDE

BILIRUBIN (TOTAL)

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OVERVIEW REPORT

BILIRUBIN (DIRECT)

S.G.O.T.

ALKALINE PHOSPHATASE

SERUM TOTAL PROTEINS

A/G RATIO

IRON SERUM

UNSATURATED IRON BINDING CAPACITY (UIBC)

TRANSFERRIN SATURATION

FREE THYROXINE [FT4],SERUM

VITAMIN B-12 LEVEL, SERUM(ECLIA)

FOLATE

HBA1C

INSULIN LEVEL (POSTPRANDOIAL) PLASMA

BILIRUBIN (INDIRECT)

S.G.P.T.

G.G.T.P.

SERUM GLOBULIN

IGE LEVEL, SERUM

TOTAL IRON BINDING CAPACITY (TIBC)

FERRITIN, SERUM

FREE TRIJODOTHYRONINE [FT3],SERUM

T.S.H.[ULTRA]

VITAMIN D, 25-HYDROXY

BLOOD GLUCOSE (FASTING)

INSULIN LEVEL (FASTING) PLASMA

HOMOCYSTEINE

The below parameters require attention

RED BLOOD CELL COUNT

CHOLESTEROL

IONIZED CALCIUM

ABSOLUTE NEUTROPHILS

L.D.L. CHOLESTEROL (DIRECT)

TOTAL CALCIUM

OVERVIEW REPORT

SERUM ALBUMIN