

IMPROVED

LOW

HIGH

NORMAL

IMPROVED,STILL OUT OF RANGE

LABEL	01/04/21	01/04/21	01/04/21	-	-
HAEMATOLOGY					
HAEMOGLOBIN Range	14.3 13.0 - 17.0	16.3 13.0 - 17.0	14.8 13.0 - 17.0	-	-
TOTAL LEUCOCYTE COUNT (WBC) Range	4340.0 4000.0 - 11000.0	3460.0 4000.0 - 11000.0	5.13 4.0 - 10.0	-	-
RED BLOOD CELL COUNT Range	452.0 45.0 - 55.0	5.31 45.0 - 55.0	5.37 4.5 - 5.5	-	-
PACKED CELL VOLUME( HEMATOCRIT) Range	43.1 40.0 - 50.0	47.1 40.0 - 50.0	44.8 40.0 - 50.0	-	-
MEAN CORPUSCULAR VOLUME (MCV) Range	95.35 83.0 - 101.0	88.7 80.0 - 100.0	83.4 80.0 - 100.0	-	-
MEAN CORPUSULAR HB (MCH) Range	31.64 27.0 - 32.6	30.7 26.0 - 32.0	27.6 27.0 - 32.0	-	-
MEAN CORPUSULAR HB CONC (MCHC) Range	33.18 31.5 - 34.5	34.61 32.0 - 37.0	33.0 32.0 - 35.0	-	-
RED CELL DISTRIBUTION WIDTH (RDW-CV) Range	12.7 11.6 - 14.0	12.1 11.5 - 15.5	13.0 11.5 - 14.5	-	-

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LABEL	01/04/21	01/04/21	01/04/21	-	-
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PLATELET COUNT Range	245.0 150.0 - 410.0	327000.0 150000.0 - 450000.0	289.0 150.0 - 450.0	-	-
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## ERYTHROCYTE SEDIMENTATION RATE (E.S.R.)

ESR Range	2.0 0.0 - 15.0	2.0 0.0 - 15.0	- None - None	-	-
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## DIFFERENTIAL LEUCOCYTE COUNT %

NEUTROPHILS % Range	- None - None	52.0 40.0 - 80.0	39.8 40.0 - 80.0	-	-
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LYMPHOCYTES % Range	53.0 25.0 - 44.0	39.0 20.0 - 40.0	46.8 20.0 - 40.0	-	-
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MONOCYTES % Range	7.0 0.0 - 7.0	6.0 2.0 - 10.0	10.1 2.0 - 10.0	-	-
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EOSINOPHILS % Range	2.0 0.0 - 4.0	2.0 1.0 - 6.0	3.3 1.0 - 6.0	-	-
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BASOPHILS % Range	- None - None	1.0 0.0 - 2.0	0.0 0.0 - 2.0	-	-
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## ABSOLUTE LYMPHOCYTES COUNT

ABSOLUTE NEUTROPHILS Range	1649.2 2000.0 - 7000.0	1799.0 1800.0 - 7700.0	2.04 2.0 - 7.0	-	-
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ABSOLUTE LYMPHOCYTES Range	- None - None	1349.0 1000.0 - 4800.0	- None - None	-	-
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ABSOLUTE MONOCYTES Range	- None - None	208.0 0.0 - 800.0	- None - None	-	-
ABSOLUTE EOSINOPHILS Range	86.8 20.0 - 500.0	69.0 0.0 - 450.0	- None - None	-	-
ABSOLUTE BASOPHILS Range	- None - None	35.0 0.0 - 200.0	- None - None	-	-
LIPID PROFILE					
CHOLESTEROL Range	163.9 80.0 - 200.0	230.0 130.0 - 220.0	225.0 0.0 - 200.0	-	-
TRIGLYCERIDES Range	69.05 40.0 - 150.0	76.0 50.0 - 150.0	215.0 0.0 - 150.0	-	-
H.D.L. CHOLESTEROL Range	58.6 30.0 - 60.0	45.0 30.0 - 75.0	34.3 40.0 - None	-	-
L.D.L. CHOLESTEROL (DIRECT) Range	91.49 30.0 - 100.0	162.0 30.0 - 100.0	147.7 0.0 - 100.0	-	-
SERUM VLDL CHOLESTEROL Range	13.81 24.0 - 45.0	15.2 10.0 - 30.0	- None - None	-	-
NON H.D.L. CHOLESTEROL Range	- None - None	185.0 None - None	191.0 0.0 - 130.0	-	-

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SERUM CHOLESTEROL-HDL RATIO Range	2.8 0.0 - 4.0	5.11 None - None	- None - None	-	-
LDL/HDL CHOLESTEROL RATIO Range	1.56 0.0 - 3.0	- None - None	- None - None	-	-
KIDNEY					
UREA Range	16.04 12.0 - 45.0	13.5 10.0 - 50.0	23.0 17.0 - 43.0	-	-
BLOOD UREA NITROGEN (BUN) Range	- None - None	6.3 4.7 - 23.4	- None - None	-	-
CREATININE, SERUM Range	0.76 0.7 - 1.2	1.0 0.5 - 1.3	0.87 0.67 - 1.17	-	-
URIC ACID Range	7.0 3.4 - 7.0	5.8 2.0 - 7.0	7.6 3.5 - 7.2	-	-
MINERALS					
IONIZED CALCIUM Range	- None - None	58.0 1.1 - 1.25	- None - None	-	-
TOTAL CALCIUM Range	- None - None	80.0 8.6 - 10.0	9.7 8.8 - 10.6	-	-

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## BIOCHEMISTRY

PHOSPHORUS Range	- None - None	3.7 2.5 - 4.5	3.5 2.4 - 4.4	-	-
SODIUM Range	139.8 130.0 - 149.0	139.0 132.0 - 150.0	140.0 136.0 - 146.0	-	-
POTASSIUM Range	5.0 3.5 - 5.0	4.4 3.5 - 5.0	4.97 3.5 - 5.1	-	-
CHLORIDE Range	103.2 97.0 - 107.0	98.0 98.0 - 107.0	106.0 101.0 - 109.0	-	-
MAGNESIUM Range	1.6 None - None	1.8 1.6 - 2.6	- None - None	-	-

## LIVER

BILIRUBIN (TOTAL) Range	0.7 0.0 - 1.2	0.5 0.2 - 1.0	0.62 0.3 - 1.2	-	-
BILIRUBIN (DIRECT) Range	0.33 0.0 - 0.3	0.21 0.0 - 0.3	0.15 0.0 - 0.3	-	-
BILIRUBIN (INDIRECT) Range	0.37 0.0 - 0.7	0.29 0.1 - 0.8	0.47 0.0 - 1.1	-	-
S.G.O.T. Range	23.2 1.0 - 40.0	- None - None	35.0 0.0 - 50.0	-	-

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LABEL	01/04/21	01/04/21	01/04/21	-	-
S.G.P.T. Range	25.3 2.0 - 41.0	- None - None	- None - None	-	-
ALKALINE PHOSPHATASE Range	54.2 40.0 - 130.0	89.0 40.0 - 129.0	86.0 30.0 - 120.0	-	-
G.G.T.P. Range	28.1 8.0 - 61.0	24.0 10.0 - 71.0	48.0 0.0 - 55.0	-	-
SERUM TOTAL PROTEINS Range	7.0 6.4 - 8.3	7.6 6.0 - 85.0	7.1 6.4 - 8.3	-	-
SERUM ALBUMIN Range	49.0 3.5 - 5.2	866.0 3.5 - 5.0	4.6 3.5 - 5.2	-	-
SERUM GLOBULIN Range	2.2 2.0 - 3.5	- None - None	- None - None	-	-
A/G RATIO Range	2.23 1.0 - 2.0	1.92 1.1 - 2.2	- None - None	-	-
IMMUNOGLOBULIN PROFILE,SERUM					
IGE LEVEL, SERUM Range	74.07 0.0 - 100.0	- None - None	- None - None	-	-
IRON STUDIES, SERUM					
IRON SERUM Range	95.1 33.0 - 193.0	- None - None	- None - None	-	-
TOTAL IRON BINDING CAPACITY (TIBC) Range	296.4 250.0 - 450.0	- None - None	- None - None	-	-

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LABEL	01/04/21	01/04/21	01/04/21	-	-
UNSATURATED IRON BINDING CAPACITY (UIBC) Range	201.3 125.0 - 345.0	- None - None	- None - None	-	-
FERRITIN, SERUM Range	108.6 23.9 - 336.2	- None - None	- None - None	-	-
TRANSFERRIN SATURATION Range	- None - None	34.92 20.0 - 50.0	- None - None	-	-
THYROID PROFILE					
FREE TRIJODOTHYRONINE [FT3],SERUM Range	453.0 3.8 - 6.0	- None - None	1.59 0.6 - 1.81	-	-
FREE THYROXINE [FT4],SERUM Range	12.19 7.0 - 15.96	- None - None	8.6 5.01 - 12.45	-	-
T.S.H.[ULTRA] Range	0.744 0.45 - 5.33	1.78 0.27 - 4.2	4.03 0.35 - 5.5	-	-
VITAMINS					
VITAMIN B-12 LEVEL, SERUM(ECLIA) Range	240.7 None - None	- None - None	- None - None	-	-
VITAMIN D, 25-HYDROXY Range	85.7 75.0 - 250.0	- None - None	103.11 None - None	-	-

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FOLATE Range	10.0 4.5 - 32.2	- None - None	- None - None	-	-
IMMUNOTURBIMETRY					
BLOOD GLUCOSE (FASTING) Range	60.0 None - None	- None - None	123.0 None - None	-	-
HBA1C Range	55.0 None - None	5.2 None - None	5.9 None - None	-	-
INSULIN LEVEL ( FASTING ) PLASMA Range	9.4 2.6 - 24.9	- None - None	- None - None	-	-
INSULIN LEVEL ( POSTPRANDOIAL ) PLASMA Range	11.83 4.0 - 56.0	- None - None	- None - None	-	-
OTHER PROFILE					
HOMOCYSTEINE Range	10.8 0.0 - 15.0	14.99 5.0 - 15.0	- None - None	-	-



# TECHNICAL REPORT

Label	Now	Before
Improvement seen		
HAEMOGLOBIN	14.3	16.3
TOTAL LEUCOCYTE COUNT (WBC)	4340.0	3460.0
PACKED CELL VOLUME( HEMATOCRIT)	43.1	47.1
MEAN CORPUSCULAR VOLUME (MCV)	95.35	88.7
MEAN CORPUSULAR HB (MCH)	31.64	30.7
MEAN CORPUSULAR HB CONC (MCHC)	33.18	34.61
RED CELL DISTRIBUTION WIDTH (RDW-CV)	12.7	12.1
PLATELET COUNT	245.0	327000.0
ESR	2.0	2.0
NEUTROPHILS %	- NA -	52.0
MONOCYTES %	7.0	6.0
EOSINOPHILS %	2.0	2.0
BASOPHILS %	- NA -	1.0
ABSOLUTE LYMPHOCYTES	- NA -	1349.0
ABSOLUTE MONOCYTES	- NA -	208.0
ABSOLUTE EOSINOPHILS	86.8	69.0
ABSOLUTE BASOPHILS	- NA -	35.0

# TECHNICAL REPORT

Label	Now	Before
CHOLESTEROL	163.9	230.0
TRIGLYCERIDES	69.05	76.0
H.D.L. CHOLESTEROL	58.6	45.0
L.D.L. CHOLESTEROL (DIRECT)	91.49	162.0
NON H.D.L. CHOLESTEROL	- NA -	185.0
SERUM CHOLESTEROL-HDL RATIO	2.8	5.11
LDL/HDL CHOLESTEROL RATIO	1.56	- NA -
UREA	16.04	13.5
BLOOD UREA NITROGEN (BUN)	- NA -	6.3
CREATININE, SERUM	0.76	1.0
URIC ACID	7.0	5.8
IONIZED CALCIUM	- NA -	58.0
TOTAL CALCIUM	- NA -	80.0
PHOSPHORUS	- NA -	3.7
SODIUM	139.8	139.0
POTASSIUM	5.0	4.4
CHLORIDE	103.2	98.0
MAGNESIUM	1.6	1.8

# TECHNICAL REPORT

Label	Now	Before
BILIRUBIN (TOTAL)	0.7	0.5
BILIRUBIN (INDIRECT)	0.37	0.29
S.G.O.T.	23.2	- NA -
S.G.P.T.	25.3	- NA -
ALKALINE PHOSPHATASE	54.2	89.0
G.G.T.P.	28.1	24.0
SERUM TOTAL PROTEINS	7.0	7.6
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 -	34.92
FREE THYROXINE [FT4],SERUM	12.19	- NA -
T.S.H.[ULTRA]	0.744	1.78
VITAMIN B-12 LEVEL, SERUM(ECLIA)	240.7	- NA -
VITAMIN D, 25-HYDROXY	85.7	- NA -

# TECHNICAL REPORT

Label	Now	Before
FOLATE	10.0	- NA -
BLOOD GLUCOSE (FASTING)	60.0	- NA -
HBA1C	55.0	5.2
INSULIN LEVEL ( FASTING ) PLASMA	9.4	- NA -
INSULIN LEVEL ( POSTPRANDOIAL ) PLASMA	11.83	- NA -
HOMOCYSTEINE	10.8	14.99

## Areas to work on

RED BLOOD CELL COUNT	452.0	5.31
LYMPHOCYTES %	53.0	39.0
ABSOLUTE NEUTROPHILS	1649.2	1799.0
SERUM VLDL CHOLESTEROL	13.81	15.2
BILIRUBIN (DIRECT)	0.33	0.21
SERUM ALBUMIN	49.0	866.0
A/G RATIO	2.23	1.92
FREE TRIJODOTHYRONINE [FT3],SERUM	453.0	- NA -

# 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

MONOCYTES %

BASOPHILS %

ABSOLUTE MONOCYTES

ABSOLUTE BASOPHILS

TRIGLYCERIDES

L.D.L. CHOLESTEROL (DIRECT)

SERUM CHOLESTEROL-HDL RATIO

UREA

CREATININE, SERUM

IONIZED CALCIUM

PHOSPHORUS

POTASSIUM

TOTAL LEUCOCYTE COUNT (WBC)

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

CHLORIDE

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## OVERVIEW REPORT

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 D, 25-HYDROXY

BLOOD GLUCOSE (FASTING)

INSULIN LEVEL ( FASTING ) PLASMA

HOMOCYSTEINE

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

VITAMIN B-12 LEVEL, SERUM(ECLIA)

FOLATE

HBA1C

INSULIN LEVEL ( POSTPRANDOIAL ) PLASMA

The below parameters require attention

RED BLOOD CELL COUNT

ABSOLUTE NEUTROPHILS

BILIRUBIN (DIRECT)

LYMPHOCYTES %

SERUM VLDL CHOLESTEROL

SERUM ALBUMIN

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# OVERVIEW REPORT

A/G RATIO

FREE TRIJODOTHYRONINE [FT3],SERUM