

IMPROVED

LOW

HIGH

NORMAL

IMPROVED,STILL OUT OF RANGE

LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
HAEMATOLOGY					
HAEMOGLOBIN Range	16.3 13.0 - 17.0	16.3 13.0 - 17.0	14.1 11.0 - 15.0	- None - None	10.0 11.0 - 15.0
TOTAL LEUCOCYTE COUNT (WBC) Range	5.9 4.0 - 10.0	3460.0 4000.0 - 11000.0	- None - None	- None - None	- None - None
RED BLOOD CELL COUNT Range	5.55 4.5 - 5.5	5.31 45.0 - 55.0	4.96 42.0 - 55.0	- None - None	5.0 42.0 - 55.0
PACKED CELL VOLUME(HEMATOCRIT) Range	51.9 40.0 - 50.0	47.1 40.0 - 50.0	43.8 36.0 - 46.0	- None - None	32.6 36.0 - 46.0
MEAN CORPUSCULAR VOLUME (MCV) Range	93.5 83.0 - 101.0	88.7 80.0 - 100.0	88.31 79.0 - 98.0	- None - None	65.2 79.0 - 98.0
MEAN CORPUSULAR HB (MCH) Range	29.4 27.0 - 32.0	30.7 26.0 - 32.0	28.43 26.0 - 32.0	- None - None	20.0 26.0 - 32.0
MEAN CORPUSULAR HB CONC (MCHC) Range	31.4 31.5 - 34.5	34.61 32.0 - 37.0	32.19 30.0 - 36.0	- None - None	30.67 30.0 - 36.0
MEAN PLATELETS VOLUME (MPV) Range	10.5 6.5 - 12.0	- None - None	- None - None	- None - None	- None - None

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LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
RED CELL DISTRIBUTION WIDTH (RDW-CV) Range	14.9 11.6 - 14.0	12.1 11.5 - 15.5	14.5 11.5 - 15.5	- None - None	15.9 11.5 - 15.5
PLATELET COUNT Range	289.0 150.0 - 410.0	327000.0 150000.0 - 450000.0	332000.0 150000.0 - 450000.0	- None - None	410000.0 150000.0 - 450000.0

ERYTHROCYTE SEDIMENTATION RATE (E.S.R.)

ESR Range	- None - None	2.0 0.0 - 15.0	8.0 0.0 - 20.0	- None - None	11.0 0.0 - 20.0
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DIFFERENTIAL LEUCOCYTE COUNT %

NEUTROPHILS % Range	52.8 40.0 - 80.0	52.0 40.0 - 80.0	57.0 40.0 - 80.0	- None - None	63.0 40.0 - 80.0
LYMPHOCYTES % Range	35.1 20.0 - 40.0	39.0 20.0 - 40.0	36.0 20.0 - 40.0	- None - None	29.0 20.0 - 40.0
MONOCYTES % Range	8.0 2.0 - 10.0	6.0 2.0 - 10.0	6.0 2.0 - 10.0	- None - None	4.0 2.0 - 10.0
EOSINOPHILS % Range	3.1 1.0 - 6.0	2.0 1.0 - 6.0	1.0 1.0 - 6.0	- None - None	3.0 1.0 - 6.0
BASOPHILS % Range	1.0 0.0 - 2.0	1.0 0.0 - 2.0	0.0 0.0 - 2.0	- None - None	1.0 0.0 - 2.0

ABSOLUTE LYMPHOCYTES COUNT

ABSOLUTE NEUTROPHILS Range	3.12 2.0 - 7.0	1799.0 1800.0 - 7700.0	4098.0 1800.0 - 7700.0	- None - None	4580.0 1800.0 - 7700.0
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ABSOLUTE LYMPHOCYTES Range	- None - None	1349.0 1000.0 - 4800.0	2588.0 1000.0 - 4800.0	- None - None	2108.0 1000.0 - 4800.0
ABSOLUTE MONOCYTES Range	- None - None	208.0 0.0 - 800.0	431.0 0.0 - 800.0	- None - None	291.0 0.0 - 800.0
ABSOLUTE EOSINOPHILS Range	- None - None	69.0 0.0 - 450.0	72.0 0.0 - 450.0	- None - None	218.0 0.0 - 450.0
ABSOLUTE BASOPHILS Range	- None - None	35.0 0.0 - 200.0	- None - None	- None - None	73.0 0.0 - 200.0
LIPID PROFILE					
CHOLESTEROL Range	298.0 0.0 - 200.0	230.0 130.0 - 220.0	6.0 None - None	- None - None	- None - None
TRIGLYCERIDES Range	135.4 0.0 - 150.0	76.0 50.0 - 150.0	212.0 50.0 - 150.0	- None - None	- None - None
H.D.L. CHOLESTEROL Range	62.1 40.0 - None	45.0 30.0 - 75.0	40.0 30.0 - 75.0	- None - None	- None - None
L.D.L. CHOLESTEROL (DIRECT) Range	208.82 0.0 - 100.0	162.0 30.0 - 100.0	172.0 30.0 - 100.0	- None - None	- None - None
SERUM VLDL CHOLESTEROL Range	- None - None	15.2 10.0 - 30.0	42.4 10.0 - 30.0	- None - None	- None - None

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LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
NON H.D.L. CHOLESTEROL Range	236.0 0.0 - 130.0	185.0 None - None	200.0 None - None	- None - None	- None - None
SERUM CHOLESTEROL-HDL RATIO Range	- None - None	5.11 None - None	6.0 None - None	- None - None	- None - None
KIDNEY					
UREA Range	34.5 17.0 - 43.0	13.5 10.0 - 50.0	18.5 10.0 - 50.0	- None - None	- None - None
BLOOD UREA NITROGEN (BUN) Range	- None - None	6.3 4.7 - 23.4	8.64 4.7 - 23.4	- None - None	- None - None
CREATININE, SERUM Range	0.79 0.67 - 1.17	1.0 0.5 - 1.3	0.66 0.5 - 1.3	- None - None	- None - None
URIC ACID Range	6.8 3.5 - 7.2	5.8 2.0 - 7.0	3.6 2.0 - 7.0	- None - None	- None - None
MINERALS					
IONIZED CALCIUM Range	- None - None	58.0 1.1 - 1.25	1.19 1.1 - 1.25	- None - None	84.0 None - None
TOTAL CALCIUM Range	10.01 8.8 - 10.6	80.0 8.6 - 10.0	9.52 8.6 - 10.0	- None - None	58.0 None - None
ZINC, SERUM Range	- None - None	- None - None	96.7 46.0 - 150.0	- None - None	- None - None

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BIOCHEMISTRY

PHOSPHORUS Range	3.5 2.4 - 4.4	3.7 2.5 - 4.5	3.7 2.5 - 4.5	- None - None	- None - None
SODIUM Range	140.9 136.0 - 146.0	139.0 132.0 - 150.0	138.0 132.0 - 150.0	- None - None	- None - None
POTASSIUM Range	4.02 3.5 - 5.1	4.4 3.5 - 5.0	4.4 3.5 - 5.0	- None - None	- None - None
CHLORIDE Range	103.3 101.0 - 109.0	98.0 98.0 - 107.0	102.0 98.0 - 107.0	- None - None	- None - None
MAGNESIUM Range	- None - None	1.8 1.6 - 2.6	2.2 1.6 - 2.6	- None - None	- None - None
GLUCOSE Fasting Range	- None - None	94.0 60.0 - 100.0	81.0 60.0 - 100.0	- None - None	- None - None

LIVER

BILIRUBIN (TOTAL) Range	1.15 0.3 - 1.2	0.5 0.2 - 1.0	0.5 0.2 - 1.0	- None - None	- None - None
BILIRUBIN (DIRECT) Range	0.18 0.0 - 0.3	0.21 0.0 - 0.3	0.15 0.0 - 0.3	- None - None	- None - None
BILIRUBIN (INDIRECT) Range	0.97 0.0 - 1.1	0.29 0.1 - 0.8	0.35 1.0 - 8.0	- None - None	- None - None

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LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
S.G.O.T. Range	28.0 0.0 - 50.0	- None - None	33.0 5.0 - 32.0	- None - None	- None - None
S.G.P.T. Range	- None - None	- None - None	57.0 5.0 - 33.0	- None - None	- None - None
ALKALINE PHOSPHATASE Range	64.0 30.0 - 120.0	89.0 40.0 - 129.0	129.0 35.0 - 104.0	- None - None	- None - None
G.G.T.P. Range	42.0 0.0 - 55.0	24.0 10.0 - 71.0	41.0 6.0 - 42.0	- None - None	- None - None
SERUM TOTAL PROTEINS Range	7.43 6.4 - 8.3	7.6 6.0 - 85.0	7.2 6.0 - 85.0	- None - None	- None - None
SERUM ALBUMIN Range	4.74 3.5 - 5.2	866.0 3.5 - 5.0	4.4 35.0 - 5.0	- None - None	806.0 3.5 - 5.0
SERUM GLOBULIN Range	- None - None	2.6 None - None	2.8 None - None	- None - None	- None - None
A/G RATIO Range	- None - None	1.92 1.1 - 2.2	1.57 1.1 - 2.2	- None - None	- None - None
IMMUNOGLOBULIN PROFILE,SERUM					
IgE LEVEL, SERUM Range	- None - None	37.75 5.0 - 100.0	683.1 5.0 - 100.0	- None - None	- None - None
IRON STUDIES, SERUM					
IRON SERUM Range	- None - None	110.0 60.0 - 170.0	117.0 60.0 - 170.0	- None - None	- None - None

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LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
FERRITIN, SERUM Range	- None - None	151.4 None - None	- None - None	- None - None	- None - None
TRANSFERRIN SATURATION Range	- None - None	34.92 20.0 - 50.0	32.32 20.0 - 50.0	- None - None	11.85 20.0 - 50.0

THYROID PROFILE

FREE THYRONINE [FT3],SERUM Range	1.06 0.6 - 1.81	- None - None	2.91 2.0 - 4.4	- None - None	- None - None
FREE THYROXINE [FT4],SERUM Range	8.3 5.01 - 12.45	1.48 0.93 - 1.7	- None - None	- None - None	- None - None
T.S.H.[ULTRA] Range	2.02 0.35 - 5.5	1.78 0.27 - 4.2	2.97 0.27 - 4.2	- None - None	1.19 0.27 - 4.2

VITAMINS

VITAMIN B-12 LEVEL, SERUM(ECLIA) Range	- None - None	- None - None	1664.0 197.0 - 771.0	- None - None	- None - None
VITAMIN D-3 LEVEL, SERUM (ECLIA) Range	- None - None	- None - None	44.5 25.0 - 100.0	- None - None	44.3 25.0 - 100.0
VITAMIN D, 25-HYDROXY Range	55.86 None - None	- None - None	- None - None	- None - None	- None - None

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LABEL	24/04/21	17/04/21	11/04/21	05/04/21	05/04/21
FOLIC ACID LEVEL Range	- None - None	- None - None	7.8 3.1 - 20.5	- None - None	- None - None

IMMUNOTURBIMETRY

BLOOD GLUCOSE (FASTING) Range	105.0 None - None	- None - None	- None - None	- None - None	- None - None
HBA1C Range	5.3 4.0 - 5.6	5.2 None - None	5.4 44.0 - 65.0	- None - None	- None - None
MEAN PLASMA GLUCOSE Range	- None - None	- None - None	115.0 None - None	- None - None	- None - None

APOLIPOPROTEINS A1 & B,SERUM

APOLIPOPROTEIN (APO A1) Range	- None - None	- None - None	1.0 108.0 - 225.0	- None - None	- None - None
APOLIPOPROTEIN (APO B) Range	- None - None	- None - None	139.0 60.0 - 141.0	- None - None	- None - None
APO B/APO A1 RATIO Range	- None - None	- None - None	0.972 0.35 - 0.98	- None - None	- None - None

OTHER PROFILE

HOMOCYSTEINE Range	- None - None	14.99 5.0 - 15.0	- None - None	- None - None	- None - None
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LABEL

24/04/21

17/04/21

11/04/21

05/04/21

05/04/21

PROLACTAIN
Range

7.01
2.1 - 17.7

7.42
4.0 - 15.2

6.25
4.8 - 23.3

-
None - None

-
None - None

TECHNICAL REPORT

Label	Now	Before
Improvement seen		
HAEMOGLOBIN	16.3	16.3
TOTAL LEUCOCYTE COUNT (WBC)	5.9	3460.0
MEAN CORPUSCULAR VOLUME (MCV)	93.5	88.7
MEAN CORPUSULAR HB (MCH)	29.4	30.7
MEAN PLATELETS VOLUME (MPV)	10.5	- NA -
PLATELET COUNT	289.0	327000.0
ESR	- NA -	2.0
NEUTROPHILS %	52.8	52.0
LYMPHOCYTES %	35.1	39.0
MONOCYTES %	8.0	6.0
EOSINOPHILS %	3.1	2.0
BASOPHILS %	1.0	1.0
ABSOLUTE NEUTROPHILS	3.12	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
TRIGLYCERIDES	135.4	76.0
H.D.L. CHOLESTEROL	62.1	45.0
SERUM VLDL CHOLESTEROL	- NA -	15.2
SERUM CHOLESTEROL-HDL RATIO	- NA -	5.11
UREA	34.5	13.5
BLOOD UREA NITROGEN (BUN)	- NA -	6.3
CREATININE, SERUM	0.79	1.0
URIC ACID	6.8	5.8
IONIZED CALCIUM	- NA -	58.0
TOTAL CALCIUM	10.01	80.0
ZINC, SERUM	- NA -	- NA -
PHOSPHORUS	3.5	3.7
SODIUM	140.9	139.0
POTASSIUM	4.02	4.4
CHLORIDE	103.3	98.0
MAGNESIUM	- NA -	1.8
BILIRUBIN (TOTAL)	1.15	0.5
BILIRUBIN (DIRECT)	0.18	0.21

TECHNICAL REPORT

Label	Now	Before
BILIRUBIN (INDIRECT)	0.97	0.29
S.G.O.T.	28.0	- NA -
S.G.P.T.	- NA -	- NA -
ALKALINE PHOSPHATASE	64.0	89.0
G.G.T.P.	42.0	24.0
SERUM TOTAL PROTEINS	7.43	7.6
SERUM ALBUMIN	4.74	866.0
SERUM GLOBULIN	- NA -	2.6
A/G RATIO	- NA -	1.92
IgE LEVEL, SERUM	- NA -	37.75
IRON SERUM	- NA -	110.0
FERRITIN, SERUM	- NA -	151.4
TRANSFERRIN SATURATION	- NA -	34.92
FREE THYRONINE [FT3],SERUM	1.06	- NA -
FREE THYROXINE [FT4],SERUM	8.3	1.48
T.S.H.[ULTRA]	2.02	1.78
VITAMIN B-12 LEVEL, SERUM(ECLIA)	- NA -	- NA -
VITAMIN D-3 LEVEL, SERUM (ECLIA)	- NA -	- NA -

TECHNICAL REPORT

Label	Now	Before
VITAMIN D, 25-HYDROXY	55.86	- NA -
FOLIC ACID LEVEL	- NA -	- NA -
BLOOD GLUCOSE (FASTING)	105.0	- NA -
HBA1C	5.3	5.2
MEAN PLASMA GLUCOSE	- NA -	- NA -
APOLIPOPROTEIN (APO A1)	- NA -	- NA -
APOLIPOPROTEIN (APO B)	- NA -	- NA -
APO B/APO A1 RATIO	- NA -	- NA -
HOMOCYSTEINE	- NA -	14.99
PROLACTAIN	7.01	7.42
GLUCOSE Fasting	- NA -	94.0

Areas to work on

RED BLOOD CELL COUNT	5.55	5.31
PACKED CELL VOLUME(HEMATOCRIT)	51.9	47.1
MEAN CORPUSULAR HB CONC (MCHC)	31.4	34.61
RED CELL DISTRIBUTION WIDTH (RDW-CV)	14.9	12.1
CHOLESTEROL	298.0	230.0

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TECHNICAL REPORT

Label	Now	Before
L.D.L. CHOLESTEROL (DIRECT)	208.82	162.0
NON H.D.L. CHOLESTEROL	236.0	185.0

OVERVIEW REPORT

The below parameters have come in natural range

HAEMOGLOBIN

MEAN CORPUSCULAR VOLUME (MCV)

MEAN PLATELETS VOLUME (MPV)

ESR

LYMPHOCYTES %

EOSINOPHILS %

ABSOLUTE NEUTROPHILS

ABSOLUTE MONOCYTES

ABSOLUTE BASOPHILS

H.D.L. CHOLESTEROL

SERUM CHOLESTEROL-HDL RATIO

BLOOD UREA NITROGEN (BUN)

URIC ACID

TOTAL CALCIUM

PHOSPHORUS

POTASSIUM

MAGNESIUM

TOTAL LEUCOCYTE COUNT (WBC)

MEAN CORPUSULAR HB (MCH)

PLATELET COUNT

NEUTROPHILS %

MONOCYTES %

BASOPHILS %

ABSOLUTE LYMPHOCYTES

ABSOLUTE EOSINOPHILS

TRIGLYCERIDES

SERUM VLDL CHOLESTEROL

UREA

CREATININE, SERUM

IONIZED CALCIUM

ZINC, SERUM

SODIUM

CHLORIDE

BILIRUBIN (TOTAL)

OVERVIEW REPORT

BILIRUBIN (DIRECT)	BILIRUBIN (INDIRECT)
S.G.O.T.	S.G.P.T.
ALKALINE PHOSPHATASE	G.G.T.P.
SERUM TOTAL PROTEINS	SERUM ALBUMIN
SERUM GLOBULIN	A/G RATIO
IgE LEVEL, SERUM	IRON SERUM
FERRITIN, SERUM	TRANSFERRIN SATURATION
FREE THYRONINE [FT3],SERUM	FREE THYROXINE [FT4],SERUM
T.S.H.[ULTRA]	VITAMIN B-12 LEVEL, SERUM(ECLIA)
VITAMIN D-3 LEVEL, SERUM (ECLIA)	VITAMIN D, 25-HYDROXY
FOLIC ACID LEVEL	BLOOD GLUCOSE (FASTING)
HBA1C	MEAN PLASMA GLUCOSE
APOLIPOPROTEIN (APO A1)	APOLIPOPROTEIN (APO B)
APO B/APO A1 RATIO	HOMOCYSTEINE
PROLACTAIN	GLUCOSE Fasting

The below parameters require attention

RED BLOOD CELL COUNT	PACKED CELL VOLUME(HEMATOCRIT)
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OVERVIEW REPORT

MEAN CORPUSULAR HB CONC (MCHC)

RED CELL DISTRIBUTION WIDTH (RDW-CV)

CHOLESTEROL

L.D.L. CHOLESTEROL (DIRECT)

NON H.D.L. CHOLESTEROL