

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**

Patient ID : 34990

Age / Sex : 33 years / Male

Referred by : MEDIWHEEL

Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.

Reported : Mar 13, 2022, 11:22 a.m.

Sample ID :



169193

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	80.63	ng/ml	52 - 127
------------------------------------	-------	-------	----------

**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	19.40	mg/dl	10 - 40
-------------	-------	-------	---------

[ Urease - GLDH ]

<b>Bun</b>	9.06	mg/dl	6 - 21
------------	------	-------	--------

[ Calculated ]

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**

Patient ID : 34990

Age / Sex : 33 years / Male

Referred by : MEDIWHEEL

Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.

Reported : Mar 13, 2022, 11:22 a.m.

Sample ID :



169193

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**SR. URIC ACID**

Sample Type : Serum

**Uric Acid**

6.70

mg/dl

3.6 - 7.7

[ Uricase - POD ]

Technique :-

Done On Fully Automated Biochemistry Analyser ERBA EM-200.

**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	115.32	mg/dl	110-180
--	--------	-------	---------

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	1.03	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.36	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.67	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	26.80	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	38.10	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	<b>164.00</b>	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	7.5	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.25	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	3.25	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.31		
GAMMA GT	11.21	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.4	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	<b>108.28</b>	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL [ CHOD-PAP ]	170.30	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [ Glycerol Phosphate Oxidase ]	137.80	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [ Direct ]	49.30	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [ Calculated ]	93.44	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [ Calculated ]	27.56	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [ Calculated ]	3.45	mg/dL	Desirable : <5 %
LDL / HDL Ratio [ Calculated ]	1.90		1.00 - 3.55
NON-HDL CHOLESTEROL [ Calculated ]	121.00	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl

**Technique:** Fully Automated Biochemistry Analyser ERBA EM-200.

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	0.61	mg/dl	0.40 - 1.40
-------------------	------	-------	-------------

[ Enzymatic ]

Formula

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	13.5	g/dl	13.0 - 17.0
RBC COUNT	<b>6.14</b>	Millions/c	4.5 - 5.5
PCV(Hematocrit)	44.7	%	40.0 - 50.0
Mean Cell Volume(MCV)	<b>72.80</b>	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	<b>21.99</b>	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	<b>30.20</b>	g/dl	32 - 36
RDW	<b>14.8</b>	%	11.50 - 14.50
Total Leucocytes (WBC) Count	7160	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	65.2	%	40 - 70
Lymphocytes	25.1	%	20 - 50
Eosionphils	2.6	%	01 - 06
Monocytes	6.8	%	00 - 08
Basophils	0.30	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	150000	/cumm	150000 - 450000
MPV	<b>10.6</b>	fL	6.5 - 10.0

**Comments :-****Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

**Technique :-**

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

\*\*END OF REPORT\*\*

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"O"

Rh Grouping

POSITIVE

**Note:**

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**

Patient ID : 34990

Age / Sex : 33 years / Male

Referred by : MEDIWHEEL

Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.

Reported : Mar 13, 2022, 11:22 a.m.

Sample ID :



169193

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.95	ng/dL	0.69 - 2.15
--	------	-------	-------------

**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**

Patient ID : 34990

Age / Sex : 33 years / Male

Referred by : MEDIWHEEL

Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.

Reported : Mar 13, 2022, 11:22 a.m.

Sample ID :



169193

Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	87.00	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

\*\*\*END OF REPORT\*\*\*

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**  
Patient ID : 34990  
Age / Sex : 33 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.  
Reported : Mar 13, 2022, 11:22 a.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

### ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	2.32	$\mu$ IU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5 $\mu$ IU/mL 2nd trimester - 0.2 - 3 $\mu$ IU/mL 3rd trimester - 0.3 - 3 $\mu$ IU/mL
---	------	-------------	--

#### **Clinical Significance :-**

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

**\*\*END OF REPORT\*\***



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. SANGA ABHAYKIRAN ANAND**

Patient ID : 34990

Age / Sex : 33 years / Male

Referred by : MEDIWHEEL

Bill ID : 60057

Collected : Mar 12, 2022, 01:59 p.m.

Reported : Mar 13, 2022, 11:22 a.m.

Sample ID :



169193

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

ESR

Sample Type : EDTA / Whole Blood

ESR 15 Mm/hr 0 - 15

Method Westergren

**\*\*END OF REPORT\*\*****Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461