



LETTER OF APPROVAL / RECOMMENDATION

To,

The Coordinator,
Mediwheel (Arcofemi Healthcare Limited)
Helpline number: 011- 41195959

Dear Sir / Madam,

Sub: Annual Health Checkup for the employees of Bank of Baroda

This is to inform you that the following employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS	EMPLOYEE DETAILS
NAME	MR. SHARMA UNNAT HARIVILASH
EC NO.	112581
DESIGNATION	HEAD CASHIER "E" _II
PLACE OF WORK	MODASA
BIRTHDATE	25-04-1992
PROPOSED DATE OF HEALTH CHECKUP	25-03-2023
BOOKING REFERENCE NO.	22M112581100047580E

This letter of approval / recommendation is valid if submitted along with copy of the Bank of Baroda employee id card. This approval is valid from **09-03-2023** till **31-03-2023** The list of medical tests to be conducted is provided in the annexure to this letter. Please note that the said health checkup is a **cashless facility** as per our tie up arrangement. We request you to attend to the health checkup requirement of our employee and accord your top priority and best resources in this regard. The EC Number and the booking reference number as given in the above table shall be mentioned in the invoice, invariably.

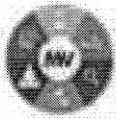
We solicit your co-operation in this regard.

Yours faithfully,

Sd/-

Chief General Manager
HRM Department
Bank of Baroda

(Note: This is a computer generated letter. No Signature required. For any clarification, please contact Mediwheel (Arcofemi Healthcare Limited))



Mediwheel
...Your wellness partner



011-41195959

Email: wellness@mediwheel.in

Dear **MR. SHARMA UNNAT HARIVILASH,**

Please find the confirmation for following request.

Booking Date : 28-02-2023

Package Name : Medi-Wheel Metro Full Body Health Checkup Male Below 40

Name of Diagnostic/Hospital : Aashka Multispeciality Hospital

Address of Diagnostic/Hospital : Between Sargasan & Reliance Cross Road

Contact Details : 9879752777/7577500900

City : Gandhi Nagar

State : Gujarat

Pincode : 382315

Appointment Date : 25-03-2023

Confirmation Status : Confirmed

Preferred Time : 08:00:AM

Comment : APPOINTMENT TIME 8:00AM

Instructions to undergo Health Check:

1. Please ensure you are on complete fasting for 10-To-12-Hours prior to check.
2. During fasting time do not take any kind of medication, alcohol, cigarettes, tobacco or any other liquids (except Water) in the morning.
3. Bring urine sample in a container if possible (containers are available at the Health Check centre).
4. Please bring all your medical prescriptions and previous health medical records with you.
5. Kindly inform the health check reception in case if you have a history of diabetes and cardiac problems.

For Women:

1. Pregnant Women or those suspecting are advised not to undergo any X-Ray test.
2. It is advisable not to undergo any Health Check during menstrual cycle.

Request you to reach half an hour before the scheduled time.

In case of further assistance, Please reach out to Team Mediwheel.

DR. TAPAS RAVAL
MBBS . D.O
(FELLOW IN PHACO & MEDICAL
RATINA)
REG.NO.G-21350

UHID:	Date:	Time:
Patient Name: <u>MUNTA H. SHARMA</u>	Age / Sex: <u>30 (m)</u>	Height:
	Weight:	
History: <u>C/O</u> <u>Headache</u>		
Allergy History:		
Nutritional Screening: Well-Nourished / Malnourished / Obese		
Examination: <u>abd. 4-6/6</u> <u>G16</u> <u>NV 2-6/6</u> <u>G16</u> <u>Consistent school</u>		
Diagnosis:		

DR. SEJAL J AMIN
B.D.S, M.D.S (PERIODONTIST)
IMPLANTOLOGIST
REG NO: A-12942

UHID:	Date: 25/3/23	Time:
Patient Name: Ummit H sharma	Age / Sex: 30 / M.	Height: Weight:
Chief Complain:	History: → Routine dental check up.	
Allergy History:		
Nutritional Screening:	Well-Nourished / Malnourished / Obese	
Examination:	Extra oral: → Impacted teeth 8/	
Intra oral – Teeth Present :	→ Stain ++	
Teeth Absent :	→ Caries ++	
Diagnosis:		

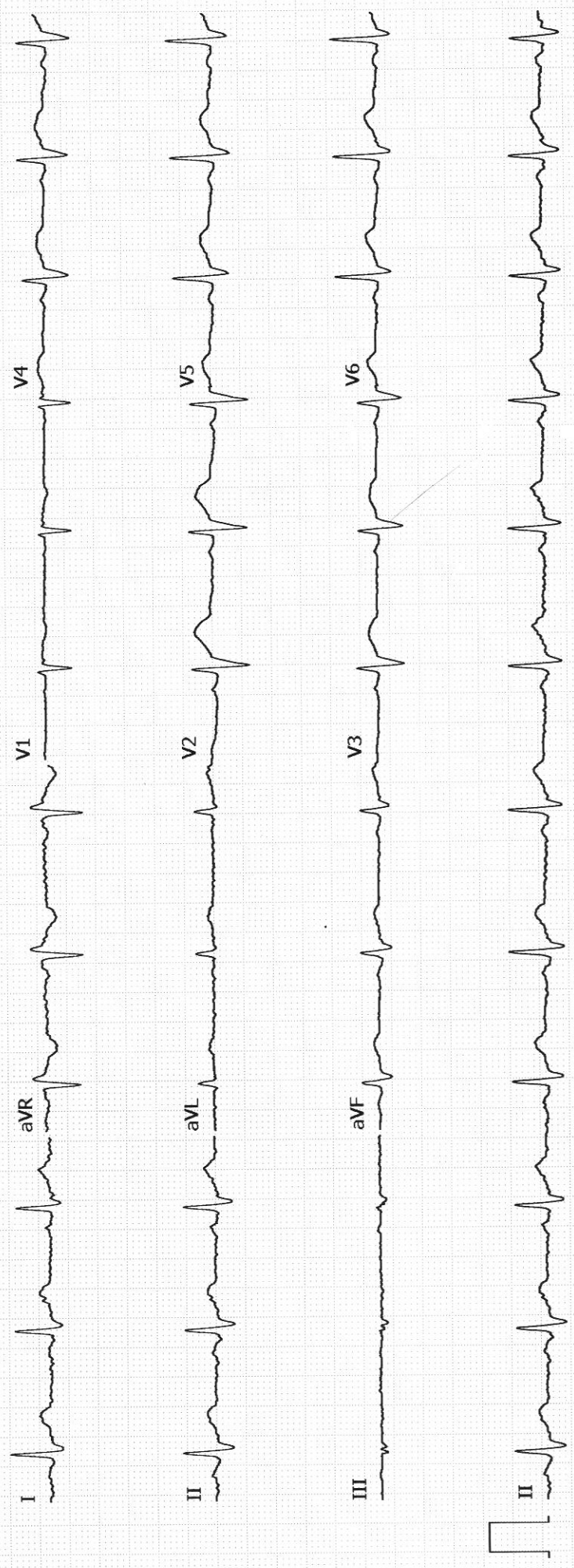
DR. PRAKASH D MAKWANA
M.D.
REG.NO.G-29078
MO.NO-9722116164

UHID: 00328910		Date: 29/03/23	Time: 3:31 PM
Patient Name: UNNAT		Height: 90.6	
Age / Sex: 30YRIN	LMP:	Weight: 79	
History:			
C/C/O: A) ROUTINE HEALTH CHECK UP		History: A) NO	
Allergy History: NKDA		Addiction: —	
Nutritional Screening: Well-Nourished / Malnourished / Obese			
Vitals & Examination:			
Temperature:			
Pulse: 66 / MINUTE			
BP: 120/90 MM HG			
SPO2: 99%			
Provisional Diagnosis:			

Order Number: AASHKA HOSPITAL LTD. SARGASAN GANDHINAGAR
Indication:
Medication 1:
Medication 2:
Medication 3:

Normal sinus rhythm with sinus arrhythmia
Normal ECG

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:
QRS : 104 ms
QT / QTcBaz : 400 / 432 ms
PR : 148 ms
P : 110 ms
RR / PP : 862 / 857 ms
P / QRS / T : 39 / 22 / 30 degrees



Aashka Hospitals Ltd.

Between Sargasan and Reliance Cross Roads
Sargasan, Gandhinagar - 382421. Gujarat, India
Phone: 079-29750750, +91-7575006000 / 9000
Emergency No.: +91-7575007707 / 9879752777
www.aashkahospitals.in
CIN: L85110GJ2012PLC072647



PATIENT NAME: UNNAT H SHARMA

GENDER/AGE: Male / 30 Years

DATE: 25/03/23

DOCTOR:

OPDNO: 00323910

X-RAY CHEST PA

Both lung fields show increased broncho-vascular markings.

No evidence of collapse, consolidation, mediastinal lymph adenopathy, soft tissue infiltration or pleural effusion is seen.

Both hilar shadows and C.P. angles are normal.

Heart shadow appears normal in size. Aorta appears normal.

Bony thorax and both domes of diaphragm appear normal.

No evidence of cervical rib is seen on either side.

DR. SNEHAL PRAJAPATI
CONSULTANT RADIOLOGIST

Aashka Hospitals Ltd.

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www.aashkahospitals.in
CIN: L85110GJ2012PLC072647



PATIENT NAME: UNNAT H SHARMA

GENDER/AGE: Male / 30 Years

DATE: 25/03/23

DOCTOR:

OPDNO: O0323910

SONOGRAPHY OF ABDOMEN AND PELVIS

LIVER: Liver appears normal in size and shows increased parenchymal echoes suggest fatty changes. No evidence of focal lesion is seen. No evidence of dilated IHBR is seen. Intrahepatic portal radicles appear normal. No evidence of solid or cystic mass lesion is seen.

GALL BLADDER: Gall bladder is physiologically distended and appears normal. No evidence of calculus or changes of cholecystitis are seen. No evidence of pericholecystic fluid collection is seen. CBD appears normal.

PANCREAS: Pancreas appears normal in size and shows normal parenchymal echoes. No evidence of pancreatitis or pancreatic mass lesion is seen.

SPLEEN: Spleen appears normal in size and shows normal parenchymal echoes. No evidence of focal or diffuse lesion is seen.

KIDNEYS: Both kidneys are normal in size, shape and position. Both renal contours are smooth. Cortical and central echoes appear normal. Bilateral cortical thickness appears normal. No evidence of renal calculus, hydronephrosis or mass lesion is seen on either side. No evidence of perinephric fluid collection is seen. **Tiny simple cysts in inter polar region of left kidney. (9 x 8 mm)**

Right kidney measures about 9.9 x 4.0 cms in size.

Left kidney measures about 10.1 x 3.9 cms in size.

No evidence of suprarenal mass lesion is seen on either side.

Aorta, IVC and para aortic region appears normal.

No evidence of ascites is seen.

BLADDER: Bladder is normally distended and appears normal. No evidence of bladder calculus, diverticulum or mass lesion is seen. Prevoid bladder volume measures about 126 cc.

PROSTATE: Prostate appears normal in size and shows normal parenchymal echoes. No evidence of pathological calcification or solid or cystic mass lesion is seen. Prostate volume measures about 15 cc.

COMMENT: Grade I fatty changes in liver.

Tiny simple cysts in inter polar region of left kidney. (Bosniak I)

Normal sonographic appearance of GB; Pancreas, spleen, bladder and prostate.

DR. SNEHAL PRAJAPATI
CONSULTANT RADIOLOGIST

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CIN: L85110GJ2012PLC072647

**PATIENT NAME:UNNAT H SHARMA****GENDER/AGE:Male / 30 Years****DATE:25/03/23****DOCTOR:DR.HASIT JOSHI****OPDNO:O0323910****2D-ECHO**

MITRAL VALVE	: NORMAL	
AORTIC VALVE	: NORMAL	
TRICUSPID VALVE	: NORMAL	
PULMONARY VALVE	: NORMAL	
AORTA	: 28mm	
LEFT ATRIUM	: 29mm	
LV Dd / Ds	: 37/25mm	EF 60%
IVS / LVPW / D	: 10/11mm	
IVS	: INTACT	
IAS	: INTACT	
RA	: NORMAL	
RV	: NORMAL	
PA	: NORMAL	
PERICARDIUM	: NORMAL	
VEL	: PEAK	MEAN
M/S	: Gradient mm Hg	Gradient mm Hg
MITRAL	: 1/0.5m/s	
AORTIC	: 0.8m/s	
PULMONARY	: 0.7m/s	
COLOUR DOPPLER	: NO MR/AR/TR	
RVSP	:	
CONCLUSION	: NORMAL LV SIZE / SYSTOLIC FUNCTION.	

CARDIOLOGIST**DR.HASIT JOSHI (9825012235)**



LABORATORY REPORT



Name : UNNAT H SHARMA	Sex/Age : Male / 31 Years	Case ID : 30302200624
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2637437
Bill. Loc. : Aashka hospital		Pt. Loc. :
Reg Date and Time : 25-Mar-2023 08:57	Sample Type :	Mobile No :
Sample Date and Time : 25-Mar-2023 08:57	Sample Coll. By :	Ref Id1 : OO323910
Report Date and Time :	Acc. Remarks : Normal	Ref Id2 : O222310074

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Haemogram (CBC)			
MCV (RBC histogram)	82.7	fL	83.00 - 101.00
Lymphocyte	44.0	%	20.00 - 40.00
Monocyte	158	/ μ L	200.00 - 1000.00
Lipid Profile			
Cholesterol	250.22	mg/dL	110 - 200
HDL Cholesterol	43.7	mg/dL	48 - 77
Chol/HDL	5.73		0 - 4.1
LDL Cholesterol	170.66	mg/dL	65 - 100
Liver Function Test			
S.G.P.T.	72.42	U/L	16 - 63
S.G.O.T.	37.96	U/L	15 - 37
Uric Acid	8.99	mg/dL	3.5 - 7.2

Abnormal Result(s) Summary End

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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Neuberg Supratech Reference Laboratories Private Limited

📍 "KEDAR" Opposite Krupa Petrol Pump, Near Parimal Garden, Ahmedabad - 380006
 ☎ 079-40408181 / 61618181 ✉ contact@supratechlabs.com 🌐 www.neubergsupratech.com



LABORATORY REPORT



Name : **UNNAT H SHARMA** Sex/Age : **Male / 31 Years** Case ID : **30302200624**
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2637437**
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : **25-Mar-2023 08:57** Sample Type : **Whole Blood EDTA** Mobile No :
 Sample Date and Time : **25-Mar-2023 08:57** Sample Coll. By : Ref Id1 : **OO323910**
 Report Date and Time : **25-Mar-2023 09:28** Acc. Remarks : **Normal** Ref Id2 : **O222310074**

TEST	RESULTS	UNIT	BIOLOGICAL REF. INTERVAL	REMARKS
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HAEMOGRAM REPORT

HB AND INDICES

Haemoglobin (Colorimetric)	<u>14.6</u>	G%	13.00 - 17.00
RBC (Electrical Impedance)	5.33	millions/cumm	4.50 - 5.50
PCV(Calc)	44.08	%	40.00 - 50.00
MCV (RBC histogram)	L 82.7	fL	83.00 - 101.00
MCH (Calc)	27.4	pg	27.00 - 32.00
MCHC (Calc)	33.1	gm/dL	31.50 - 34.50
RDW (RBC histogram)	14.00	%	11.00 - 16.00

TOTAL AND DIFFERENTIAL WBC COUNT (Flowcytometry)

Total WBC Count	<u>5280</u>	/μL	4000.00 - 10000.00
Neutrophil	[%] 48.0	%	EXPECTED VALUES [Abs] 2534 /μL
Lymphocyte	H 44.0	%	20.00 - 40.00 2323 /μL
Eosinophil	4.0	%	1.00 - 6.00 211 /μL
Monocytes	3.0	%	2.00 - 10.00 L 158 /μL
Basophil	1.0	%	0.00 - 2.00 53 /μL

PLATELET COUNT (Optical)

Platelet Count	<u>207000</u>	/μL	150000.00 - 410000.00
Neut/Lympho Ratio (NLR)	1.09		0.78 - 3.53

SMEAR STUDY

RBC Morphology Normocytic Normochromic RBCs.
 WBC Morphology Lymphocytosis
 Platelet Platelets are adequate in number.
 Parasite Malarial Parasite not seen on smear.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Shah

Dr. Manoj Shah
M.D. (Path. & Bact.)

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : UNNAT H SHARMA Sex/Age : Male / 31 Years Case ID : 30302200624
Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 2637437
Bill. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 25-Mar-2023 08:57	Sample Type : Whole Blood EDTA	Mobile No :
Sample Date and Time : 25-Mar-2023 08:57	Sample Coll. By :	Ref Id1 : OO323910
Report Date and Time : 25-Mar-2023 10:40	Acc. Remarks : Normal	Ref Id2 : O222310074

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR	03	mm after 1hr	3 - 15	

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Dr. Manoj Shah
M.D. (Path. & Bact.)

Dr. Shreya Shah
M.D. (Pathologist)

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Printed On : 25-Mar-2023 15:00





LABORATORY REPORT



Name : **UNNAT H SHARMA** Sex/Age : **Male / 31 Years** Case ID : **30302200624**
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2637437**
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : 25-Mar-2023 08:57	Sample Type : Spot Urine	Mobile No :
Sample Date and Time : 25-Mar-2023 08:57	Sample Coll. By :	Ref Id1 : OO323910
Report Date and Time : 25-Mar-2023 10:15	Acc. Remarks : Normal	Ref Id2 : O222310074

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
URINE EXAMINATION (STRIP METHOD AND FLOWCYTOMETRY)				

Physical examination

Colour : **Pale yellow**
 Transparency : **Clear**

Chemical Examination By Sysmex UC-3500

Sp.Gravity	>1.025		1.005 - 1.030
pH	<5.5		5 - 8
Leucocytes (ESTERASE)	Negative		Negative
Protein	Negative		Negative
Glucose	Negative		Negative
Ketone Bodies Urine	Negative		Negative
Urobilinogen	Negative		Negative
Bilirubin	Negative		Negative
Blood	Negative		Negative
Nitrite	Negative		Negative

Flowcytometric Examination By Sysmex UF-5000

Leucocyte	Nil	/HPF	Nil
Red Blood Cell	Nil	/HPF	Nil
Epithelial Cell	Present +	/HPF	Present(+)
Bacteria	Nil	/ul	Nil
Yeast	Nil	/ul	Nil
Cast	Nil	/LPF	Nil
Crystals	Nil	/HPF	Nil

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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 M.D. (Path. & Bact.)

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LABORATORY REPORT



Name : UNNAT H SHARMA Sex/Age : Male / 31 Years Case ID : 30302200624
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 2637437
 Bill. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 25-Mar-2023 08:57 Sample Type : Spot Urine Mobile No :
 Sample Date and Time : 25-Mar-2023 08:57 Sample Coll. By : Ref Id1 : 00323910
 Report Date and Time : 25-Mar-2023 10:15 Acc. Remarks : Normal Ref Id2 : 0222310074

Parameter	Unit	Expected value	Result/Notations				
			Trace	+	++	+++	++++
pH	-	4.6-8.0					
SG	-	1.003-1.035					
Protein	mg/dL	Negative (<10)	10	25	75	150	500
Glucose	mg/dL	Negative (<30)	30	50	100	300	1000
Bilirubin	mg/dL	Negative (0.2)	0.2	1	3	6	-
Ketone	mg/dL	Negative (<5)	5	15	50	150	-
Urobilinogen	mg/dL	Negative (<1)	1	4	8	12	-

Parameter	Unit	Expected value	Result/Notifications				
			Trace	+	++	+++	++++
Leukocytes (Strip)	/micro L	Negative (<10)	10	25	100	500	-
Nitrite(Strip)	-	Negative	-	-	-	-	-
Erythrocytes(Strip)	/micro L	Negative (<5)	10	25	50	150	250
Pus cells (Microscopic)	/hpf	<5	-	-	-	-	-
Red blood cells(Microscopic)	/hpf	<2	-	-	-	-	-
Cast (Microscopic)	/lpf	<2	-	-	-	-	-

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Manoj Shah

Dr. Manoj Shah
M.D. (Path. & Bact.)

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LABORATORY REPORT



Name : **UNNAT H SHARMA** Sex/Age : **Male / 31 Years** Case ID : **30302200624**
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2637437**
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : **25-Mar-2023 08:57** Sample Type : **Serum** Mobile No :
 Sample Date and Time : **25-Mar-2023 08:57** Sample Coll. By : Ref Id1 : **00323910**
 Report Date and Time : **25-Mar-2023 10:27** Acc. Remarks : **Normal** Ref Id2 : **O222310074**

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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BIOCHEMICAL INVESTIGATIONS

Lipid Profile

Cholesterol <i>Colorimetric, CHOD-POD</i>	H	250.22	mg/dL	110 - 200
HDL Cholesterol	L	43.7	mg/dL	48 - 77
Triglyceride <i>Colorimetric-Arsenazo Method</i>		179.30	mg/dL	40 - 200
VLDL <i>Calculated</i>		35.86	mg/dL	10 - 40
Chol/HDL <i>Calculated</i>	H	5.73		0 - 4.1
LDL Cholesterol <i>Calculated</i>	H	170.66	mg/dL	65 - 100

NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP

LDL CHOLESTEROL	CHOLESTEROL	HDL CHOLESTEROL	TRIGLYCERIDES
Optimal <100	Desirable <200	Low <40	Normal <150
Near Optimal 100-129	Border Line 200-239	High >60	Border High 150-199
Borderline 130-159	High >240	*	High 200-499
High 160-189	-	-	-

- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
- For LDL Cholesterol level Please consider direct LDL value
Risk assesment from HDL and Triglyceride has been revised. Also LDL goals have changed.
- Detail test interpretation available from the lab
- All tests are done according to NCEP guidelines and with FDA approved kits.
- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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LABORATORY REPORT



Name : UNNAT H SHARMA Sex/Age : Male / 31 Years Case ID : 30302200624
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 2637437
 Bill. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 25-Mar-2023 08:57 Sample Type : Serum Mobile No :
 Sample Date and Time : 25-Mar-2023 08:57 Sample Coll. By : Ref Id1 : OO323910
 Report Date and Time : 25-Mar-2023 10:27 Acc. Remarks : Normal Ref Id2 : O222310074

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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BIOCHEMICAL INVESTIGATIONS

Liver Function Test

S.G.P.T. <i>UV with P5P</i>	H 72.42	U/L	16 - 63	
S.G.O.T. <i>UV with P5P</i>	H 37.96	U/L	15 - 37	
Alkaline Phosphatase <i>Enzymatic, PNPP-AMP</i>	93.99	U/L	46 - 116	
Gamma Glutamyl Transferase <i>Enzymatic</i>	26.75	U/L	0.00 - 64.00	
Proteins (Total) <i>Colorimetric, Biuret</i>	8.00	gm/dL	6.4 - 8.2	
Albumin <i>Bromocresol purple</i>	4.95	gm/dL	3.4 - 5	
Globulin <i>Calculated</i>	3.05	gm/dL	2 - 4.1	
A/G Ratio <i>Calculated</i>	1.6		1.0 - 2.1	
Bilirubin Total	0.57	mg/dL	0.2 - 1.0	
Bilirubin Conjugated <i>Diazotized Sulfanilic Acid Method</i>	0.19	mg/dL	0 - 0.20	
Bilirubin Unconjugated <i>Calculated</i>	0.38	mg/dL	0 - 0.8	

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Shah

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M.D. (Path. & Bact.)

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : **UNNAT H SHARMA** Sex/Age : **Male / 31 Years** Case ID : **30302200624**
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2637437**
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : **25-Mar-2023 08:57** Sample Type : **Serum** Mobile No :
 Sample Date and Time : **25-Mar-2023 08:57** Sample Coll. By : Ref Id1 : **00323910**
 Report Date and Time : **25-Mar-2023 10:27** Acc. Remarks : **Normal** Ref Id2 : **0222310074**

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
BUN (Blood Urea Nitrogen) <i>GLDH</i>	10.8	mg/dL	6.00 - 20.00	
Creatinine	0.90	mg/dL	0.50 - 1.50	
Uric Acid <i>Uricase</i>	H 8.99	mg/dL	3.5 - 7.2	

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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LABORATORY REPORT



Name : UNNAT H SHARMA	Sex/Age : Male / 31 Years	Case ID : 30302200624
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2637437
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 25-Mar-2023 08:57	Sample Type : Whole Blood EDTA	Mobile No :
Sample Date and Time : 25-Mar-2023 08:57	Sample Coll. By :	Ref Id1 : 00323910
Report Date and Time : 25-Mar-2023 09:41	Acc. Remarks : Normal	Ref Id2 : 0222310074

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
<u>Glycated Haemoglobin Estimation</u>				
HbA1C	5.49		% of total Hb <5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes	
Estimated Avg Glucose (3 Mths) <i>Calculated</i>	110.86	mg/dL		

Please Note change in reference range as per ADA 2021 guidelines.

Interpretation :

HbA1C level reflects the mean glucose concentration over previous 8-12 weeks and provides better indication of long term glycemic control.
Levels of HbA1C may be low as result of shortened RBC life span in case of hemolytic anemia.
Increased HbA1C values may be found in patients with polycythemia or post splenectomy patients.
Patients with Homozygous forms of rare variant Hb(CC,SS,EE,SC) HbA1c can not be quantitated as there is no HbA.
In such circumstances glycemic control can be monitored using plasma glucose levels or serum Fructosamine.
The A1c target should be individualized based on numerous factors, such as age, life expectancy, comorbid conditions, duration of diabetes, risk of hypoglycemia or adverse consequences from hypoglycemia, patient motivation and adherence.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Shah

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LABORATORY REPORT



Name : UNNAT H SHARMA Sex/Age : Male / 31 Years Case ID : 30302200624
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 2637437
 Bill. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 25-Mar-2023 08:57	Sample Type : Serum	Mobile No :
Sample Date and Time : 25-Mar-2023 08:57	Sample Coll. By :	Ref Id1 : OO323910
Report Date and Time : 25-Mar-2023 10:17	Acc. Remarks : Normal	Ref Id2 : O222310074

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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Thyroid Function Test

Triiodothyronine (T3)	110.45	ng/dL	70 - 204	
Thyroxine (T4) CMA	8.5	ng/dL	4.6 - 10.5	
TSH CMA	1.189	µIU/mL	0.4 - 4.2	

INTERPRETATIONS

- Circulating TSH measurement has been used for screening for euthyroidism, screening and diagnosis for hyperthyroidism & hypothyroidism. Suppressed TSH (<0.01 µIU/mL) suggests a diagnosis of hyperthyroidism and elevated concentration (>7 µIU/mL) suggest hypothyroidism. TSH levels may be affected by acute illness and several medications including dopamine and glucocorticoids. Decreased (low or undetectable) in Graves disease. Increased in TSH secreting pituitary adenoma (secondary hyperthyroidism), PPTH and in hypothalamic disease thyrotropin (tertiary hyperthyroidism). Elevated in hypothyroidism (along with decreased T4) except for pituitary & hypothalamic disease.
- Mild to modest elevations in patient with normal T3 & T4 levels indicates impaired thyroid hormone reserves & incipient hypothyroidism (subclinical hypothyroidism).
- Mild to modest decrease with normal T3 & T4 indicates subclinical hyperthyroidism.
- Degree of TSH suppression does not reflect the severity of hyperthyroidism, therefore, measurement of free thyroid hormone levels is required in patient with a suppressed TSH level.

CAUTIONS

Sick, hospitalized patients may have falsely low or transiently elevated thyroid stimulating hormone. Some patients who have been exposed to animal antigens, either in the environment or as part of treatment or imaging procedure, may have circulating antianimal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

TSH ref range in Pregnancy

First trimester
 Second trimester
 Third trimester

Reference range (microIU/ml)

0.24 - 2.00
 0.43-2.2
 0.8-2.5

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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LABORATORY REPORT



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Interpretation Note:

Ultra sensitive-thyroid-stimulating hormone (TSH) is a highly effective screening assay for thyroid disorders. In patients with an intact pituitary-thyroid axis, s-TSH provides a physiologic indicator of the functional level of thyroid hormone activity. Increased s-TSH indicates inadequate thyroid hormone, and suppressed s-TSH indicates excess thyroid hormone. Transient s-TSH abnormalities may be found in seriously ill, hospitalized patients, so this is not the ideal setting to assess thyroid function. However, even in these patients, s-TSH works better than total thyroxine (an alternative screening test), when the s-TSH result is abnormal, appropriate follow-up tests T4 & free T3 levels should be performed. If TSH is between 5.0 to 10.0 & free T4 & free T3 level are normal then it is considered as subclinical hypothyroidism which should be followed up after 4 weeks & If TSH is > 10 & free T4 & free T3 level are normal then it is considered as overt hypothyroidism.

Serum triiodothyronine (T3) levels often are depressed in sick and hospitalized patients, caused in part by the biochemical shift to the production of reverse T3. Therefore, T3 generally is not a reliable predictor of hypothyroidism. However, in a small subset of hyperthyroid patients, hyperthyroidism may be caused by overproduction of T3 (T3 toxicosis). To help diagnose and monitor this subgroup, T3 is measured on all specimens with suppressed s-TSH and normal FT4 concentrations.

Normal ranges of TSH & thyroid hormones vary according trimester in pregnancy.

TSH ref range in Pregnancy	Reference range (microIU/ml)
First trimester	0.24 - 2.00
Second trimester	0.43-2.2
Third trimester	0.8-2.5

	T3	T4	TSH
Normal Thyroid function	N	N	N
Primary Hyperthyroidism	↑	↑	↓
Secondary Hyperthyroidism	↑	↑	↑
Grave's Thyroiditis	↑	↑	↑
T3 Thyrotoxicosis	↑	N	N/↓
Primary Hypothyroidism	↓	↓	↑
Secondary Hypothyroidism	↓	↓	↓
Subclinical Hypothyroidism	N	N	↑
Patient on treatment	N	N/↑	↓

----- End Of Report -----

For test performed on specimens received or collected from non-NSRL locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender. NSRL will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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