# Health Check up Booking Confirmed Request(bobE36980), Package Code-PKG10000240, Beneficiary Code-62735

Mediwheel <wellness@mediwheel.in>

Wed 05-04-2023 15:05

To: Durgesh Sah < DURGESH.SAH@bankofbaroda.com>

Cc: customercare@mediwheel.in < customercare@mediwheel.in >

\*\*सावधान: यह मेल बैंक डोमेन के बाहर से आया है. अगर आप प्रेषक को नहीं जानते तो मेल में दी गयी लिंक पर क्लिक ना करें या अटैचमेंट ना खोलें.

\*\*CAUTION: THIS MAIL IS ORIGINATED FROM OUTSIDE OF THE BANK'S DOMAIN. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS UNLESS YOU KNOW THE SENDER.

> 011-41195959 Email:wellness@mediwheel.in

### Dear MR. SAH DURGESH.

Please find the confirmation for following request.

**Booking Date** 

: 31-03-2023

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: 08-04-2023

Confirmation

Status

: Confirmed

**Preferred Time** 

: 09:00:AM

Comment

: APPOINTMENT TIME 8:30AM

## Instructions to undergo Health Check:

- 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.

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### 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. SAH DURGESH
EC NO.	118469
DESIGNATION	RETAIL LIABILITY BACK OFFICE
PLACE OF WORK	GANDHINAGAR, GIFT CITY, NATIONAL
BIRTHDATE	20-08-1989
PROPOSED DATE OF HEALTH	31-03-2023
CHECKUP	
BOOKING REFERENCE NO.	22M118469100055930E

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 31-03-2023 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

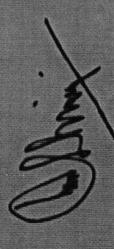
(Note: This is a computer generated letter. No Signature required. For any clarification, please contact Mediwheel (Arcofemi Healthcare Limited))



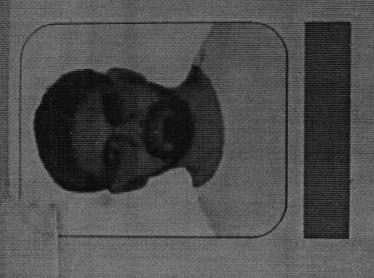
नाम: दुर्गेश साह

Name: MR. DURGESH SAH

कर्मचारी कूट क. Employee Code No. : 118469



जारीकर्ता प्राधिकारी Issuing Authority



ON BE

Signature of Holder

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



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

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UHID: 00423059	Date:	8/4	23 Time:	10115	AM
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History:					
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Nutritional Screening: Well-Nourish	ned / Malnourishe	d / Obese	2		
Examination:				•	
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Emergency No.: +91-7575007707 / 9879752777

www.aashkahospitals.in CIN: L85110GJ2012PLC072647



DR. DIPESH FATANIYA
M.D., IDCCM.
CRITICAL CARE MEDICINE
M.NO.-9909906809
R.NO.G-41495

UHID: ()0443059	Date: 8 4 2 Time:
Patient Name: QURCGSK SHAH	Height: 154 cm
Age/Sex: 331~ LMP:	Weight: 57. 4 145
History:	
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Allergy History:	Addiction:
Nutritional Screening: Well-Nourished / Maln	nourished / Obese
Vitals & Examination:	
Temperature:	*
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DR.TAPAS RAVAL
MBBS . D.O
(FELLOW IN PHACO & MEDICAL
RATINA)
REG.NO.G-21350

	1
UHID: ()043059 Date: C	8 04 12 Time:
Prient Name: Mh. Dwarm Sun	Age /Sex: 33 / M Height: 54.41
History:	3/11/19
c10- Rowhn chehr	NP.
Allergy History:	
Nutritional Screening: Well-Nourished / Malnourished / O	bese
Examination:	
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Diagnosis:	·

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Follow-up:								

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:MR.DURGESH SAH GENDER/AGE:Male / 33 Years

DOCTOR:

OPDNO:O0423059

DATE:08/04/23

## 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

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Emergency No.: +91-7575007707 / 9879752777

www.aashkahospitals.in CIN: L85110GJ2012PLC072647



PATIENT NAME:MR.DURGESH SAH GENDER/AGE:Male / 33 Years DOCTOR:

OPDNO:O0423059

DATE:08/04/23

### SONOGRAPHY OF ABDOMEN AND PELVIS

**LIVER:** Liver appears normal in size and shows normal parenchymal echoes. No evidence of focal or diffuse 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.

Right kidney measures about 9.4 x 4.0 cms in size. Left kidney measures about 10.1 x 4.2 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 60 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 14 cc.

**COMMENT:** Normal sonographic appearance of liver, GB; Pancreas, spleen, kidneys, bladder and prostate<sub>2</sub>

DR. SNEHAL PRAJAPATI CONSULTANT RADIOLOGIST

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:MR.DURGESH SAH

GENDER/AGE:Male / 33 Years

DOCTOR:DR.HASIT JOSHI

OPDNO:00423059

DATE:08/04/23

2D-ECHO

MITRAL VALVE

: MILD MVP

AORTIC VALVE

: NORMAL

TRICUSPID VALVE

: NORMAL

PULMONARY VALVE

: NORMAL

**AORTA** 

: 31mm

**LEFT ATRIUM** 

: 35mm

LV Dd / Ds

: 41/26mm

EF 63%

IVS / LVPW / D

: 10/9mm

IVS

: INTACT

IAS

: FLOPPY

RA

: NORMAL

RV

: NORMAL

PA

: NORMAL

**PERICARDIUM** 

: NORMAL

VEL

**PEAK** 

**MEAN** 

M/S

Gradient mm Hg

Gradient mm Hg

**MITRAL** 

: 1/0.7 m/s

AORTIC

: 1.2 m/s

**PULMONARY** 

: 0.9 m/s

COLOUR DOPPLER

: TRIVIAL MR/TR

**RVSP** 

: 28mmHg

**CONCLUSION** 

: MILD MVP / TRIVIAL MR;

NORMAL LV SIZE / SYSTOLIC FUNCTION.

DR.HASIT JOSHI (9825012235)



Dis. At :

Sex/Age : Male / 34 Years Name : DURGESH SAH

Case ID : 30402200154

Ref.By : HOSPITAL

Pt. ID : 2665643

Bill. Loc. : Aashka hospital

Pt. Loc

Reg Date and Time

: 08-Apr-2023 09:25

Mobile No :

Sample Date and Time : 08-Apr-2023 09:25

Sample Type Sample Coll. By :

Ref Id1 00423059

Report Date and Time

: Normal Acc. Remarks

Ref Id2 : 02324208

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Haemogram (CBC)			
Lymphocyte	48.0	%	20.00 - 40.00
Lipid Profile			
Cholesterol	221.52	mg/dL	110 - 200
HDL Cholesterol	47.5	mg/dL	48 - 77
Chol/HDL	4.66		0 - 4.1
LDL Cholesterol	158.00	mg/dL	65 - 100
Liver Function Test			
S.G.P.T.	174.06	U/L	16 - 63
S.G.O.T.	43.08	U/L	15 - 37
Bilirubin Conjugated	0.27	mg/dL	0 - 0.20

Abnormal Result(s) Summary End

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

Page 1 of 13





· DURGESH SAH Name

Sex/Age: Male / 34 Years

Case ID 30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID : 2665643

Bill. Loc. : Aashka hospital

: 08-Apr-2023 09:25

Pt. Loc Mobile No :

Reg Date and Time

: Whole Blood EDTA Sample Type

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By :

UNIT

Ref Id1 : 00423059

Report Date and Time : 08-Apr-2023 11:12

Acc. Remarks

Normal

: 02324208 Ref Id2

TEST

RESULTS

REMARKS BIOLOGICAL REF. INTERVAL

### HAEMOGRAM REPORT

HB AND INDICES								
Haemoglobin (Colorimetric)		14.7	G%		13.00 - 17.00			
RBC (Electrical Impedance)		4.80	milli	ons/cumm	4.50 - 5.50			
PCV(Calc)		44.06	%		40.00 - 50.00			
MCV (RBC histogram)		91.8	fL		83.00 - 101.00			
MCH (Calc)		30.7	pg		27.00 - 32.00			
MCHC (Calc)		33.4	gm/	dL	31.50 - 34.50			
RDW (RBC histogram)		13.90	%		11.00 - 16.00			
TOTAL AND DIFFERENTIAL WBC	C	OUNT (Flowcytom	etry)	1				
Total WBC Count		4900	/µL		4000.00 - 10000.0	00		
Neutrophil		[ % ] 43.0	%	<b>EXPECTED V</b> 40.00 - 70	ALUES .00	[Abs.] 2107	/µL	EXPECTED VALUES 2000.00 - 7000.00
Lymphocyte	Н	48.0	%	20.00 - 40	.00	2352	/µL	1000.00 - 3000.00
Eosinophil		3.0	%	1.00 - 6.00	)	147	/µL	20.00 - 500.00
Monocytes		6.0	%	2.00 - 10.0	00	294	/µL	200.00 - 1000.00
Basophil		0.0	%	0.00 - 2.00	)	0	/µL	0.00 - 100.00

#### PLATELET COUNT (Optical)

/µL **Platelet Count** 248000

150000.00 - 410000.00

Neut/Lympho Ratio (NLR)

0.90

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)

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

Dr. Shreya Shah

M.D. (Pathologist)

Page 2 of 13





04

LABORATORY REPORT Sex/Age : Male / 34 Years Case ID 30402200154 : DURGESH SAH Name Pt. ID : 2665643 Ref.By : HOSPITAL Dis. At : Pt. Loc Bill. Loc. ; Aashka hospital : Whole Blood EDTA Mobile No : : 08-Apr-2023 09:25 Sample Type Reg Date and Time Sample Date and Time : 08-Apr-2023 09:25 Ref Id1 · 00423059 Sample Coll. By : : O2324208 · Normal Report Date and Time : 08-Apr-2023 11:44 Ref Id2 Acc. Remarks **TEST RESULTS** UNIT **BIOLOGICAL REF RANGE** REMARKS

mm after 1hr 3 - 15

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

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

**ESR** 

Dr. Shreya Shah M.D. (Pathologist) Page 3 of 13





Name : DURGESH SAH Sex/Age : Male / 34 Years

Case ID : 30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID

: 2665643

Bill. Loc. ; Aashka hospital

Pt. Loc

Sample Type

: Whole Blood EDTA

Mobile No :

Reg Date and Time

: 08-Apr-2023 09:25

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By :

Ref Id1

: 00423059

Report Date and Time : 08-Apr-2023 10:03

Acc. Remarks

· Normal

Ref Id2

: 02324208

TEST

**RESULTS** 

UNIT

**BIOLOGICAL REF RANGE** 

REMARKS

#### HAEMATOLOGY INVESTIGATIONS

**BLOOD GROUP AND RH TYPING (Erythrocyte Magnetized Technology)** (Both Forward and Reverse Group)

**ABO Type** 

Α

Rh Type

**POSITIVE** 

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

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

Dr. Shreya Shah M.D. (Pathologist)

Page 4 of 13





Name : DURGESH SAH Sex/Age : Male

Case ID

30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID Pt. Loc 2665643

Bill. Loc. : Aashka hospital

Reg Date and Time

: 08-Apr-2023 09:25 Sample Type : Spot Urine

Mobile No :

Sample Coll. By :

Ref Id1

/ 34 Years

: 00423059

Sample Date and Time : 08-Apr-2023 09:25 Report Date and Time

: 08-Apr-2023 10:05

Acc. Remarks

· Normal

Ref Id2

: O2324208

**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

1.005 - 1.030

Sp.Gravity

>1.025 6.00

5 - 8

Leucocytes (ESTERASE)

Negative

Negative

Protein

pН

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 Cast

Crystals

Nil Nil

Nil

/ul /LPF

/HPF

Nil Nil

Nil

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

Dr. Manoj Shah

M.D. (Path. & Bact.)

Page 5 of 13



: DURGESH SAH Name

Sex/Age: Male / 34 Years

30402200154 Case ID

Pt. ID

Bill. Loc. ; Aashka hospital

Ref.By : HOSPITAL

Dis. At :

: 2665643

Pt. Loc

Reg Date and Time

: 08-Apr-2023 09:25

Sample Type

Mobile No

Sample Coll. By :

Ref Id1

: 00423059

Sample Date and Time : 08-Apr-2023 09:25

Report Date and Time : 08-Apr-2023 10:05

Acc. Remarks

Normal

: Spot Urine

Ref Id2

: 02324208

Parameter	Unit	Expected value	Result/Notations				
	18.57		Trace	+	++	+++	++++
рН		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					
	112.00		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	<u>u</u> ri	-	-	-		
Cast (Microscopic)	/lpf	<2	-	-	-	-	_	

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

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

Page 6 of 13





Name : DURGESH SAH Sex/Age: Male / 34 Years

30402200154 Case ID

Ref.By : HOSPITAL

Dis. At :

Pt. ID : 2665643

Bill. Loc. ; Aashka hospital

Pt. Loc

Reg Date and Time

: 08-Apr-2023 09:25 Sample Type : Plasma Fluoride F, Plasma

Mobile No :

Sample Date and Time : 08-Apr-2023 09:25 Sample Coll. By :

Fluoride PP

Ref Id1

: 00423059

Report Date and Time

Ref Id2

· 08-Apr-2023 12:49 Acc. Remarks

· Normal

· 02324208

**RESULTS** 

UNIT

**BIOLOGICAL REF RANGE** 

REMARKS

#### **BIOCHEMICAL INVESTIGATIONS**

### Biochemical Investigations by Dimension EXL (Siemens)

Plasma Glucose - F

88.94

mg/dL

70 - 100

Plasma Glucose - PP Photometric, Hexokinase

106.96

mg/dL

70.0 - 140.0

Referance range has been changed as per recent guidelines of ISPAD 2018.

<100 mg/dL: Normal level

100-<126 mg/dL: Impaired fasting glucoseer guidelines

>=126 mg/dL: Probability of Diabetes, Confirm as per guidelines

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

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

Dr. Shreya Shah M.D. (Pathologist)

Page 7 of 13





Name : DURGESH SAH Sex/Age: Male / 34 Years

Case ID : 30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID

: 2665643

Bill. Loc. ; Aashka hospital

Pt. Loc

Reg Date and Time

: 08-Apr-2023 09:25 Sample Type : Serum

Mobile No :

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By :

Acc. Remarks

Ref Id1

: 00423059

Report Date and Time : 08-Apr-2023 12:28

· Normal

Ref Id2

: 02324208

**TEST** 

**RESULTS** 

UNIT

**BIOLOGICAL REF RANGE** 

REMARKS

### **BIOCHEMICAL INVESTIGATIONS**

### Lipid Profile

Cholesterol Colorimetric, CHOD-POD	Н	221.52	mg/dL	110 - 200
HDL Cholesterol	L	47.5	mg/dL	48 - 77
Triglyceride Colorimetric-Arsenazo Method		80.11	mg/dL	40 - 200
VLDL Calculated		16.02	mg/dL	10 - 40
Chol/HDL Calculated	Н	4.66		0 - 4.1
LDL Cholesterol Calculated	» Н	158.00	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	<b>*</b>	High 200-459	
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 assessment from HDL and Triglyceride has been revised. Also LDL goals have changed.
- Detail test interpreation 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)

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

Dr. Shreya Shah M.D. (Pathologist)

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: DURGESH SAH NameSex/Age: Male / 34 Years

Case ID

30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID Pt. Loc

: 2665643

Bill. Loc. : Aashka hospital

: 08-Apr-2023 09:25 Sample Type : Serum

Mobile No :

Reg Date and Time

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By :

Ref Id1

: 00423059

Report Date and Time

: 08-Apr-2023 12:28

· Normal Acc. Remarks

: 02324208 Ref Id2

**TEST** 

**RESULTS** 

UNIT

**BIOLOGICAL REF RANGE** 

REMARKS

## **BIOCHEMICAL INVESTIGATIONS**

### **Liver Function Test**

S.G.P.T. UV with P5P	Н	174.06	U/L	16 - 63
S.G.O.T. UV with P5P	Н	43.08	U/L	15 - 37
Alkaline Phosphatase Enzymatic, PNPP-AMP		104.95	U/L	46 - 116
Gamma Glutamyl Transferase		38.36	U/L	0.00 - 64.00
Proteins (Total) Colorimetric, Biuret		7.36	gm/dL	6.4 - 8.2
Albumin Bromocresol purple		4.73	gm/dL	3.4 - 5
Globulin Calculated		2.63	gm/dL	2 - 4.1
A/G Ratio		1.8		1.0 - 2.1
Bilirubin Total		0.81	mg/dL	0.2 - 1.0
Bilirubin Conjugated Diazotized Sulfanilic Acid Method	Н	0.27	mg/dL	0 - 0.20
Bilirubin Unconjugated		0.54	mg/dL	0 - 0.8

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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· DURGESH SAH Name

Sex/Age: Male / 34 Years

: 30402200154 Case ID

Ref.By : HOSPITAL

Dis. At :

Pt. ID : 2665643

Bill. Loc. : Aashka hospital

Pt. Loc

Reg Date and Time

Sample Type : 08-Apr-2023 09:25

: Serum

Mobile No :

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By

Ref Id1

**REF RANGE** 

: 00423059

Report Date and Time

: 08-Apr-2023 12:28

Acc. Remarks

· Normal

Ref Id2

: 02324208

REMARKS

TEST	RESULTS	UNIT	BIOLOGICAL	
BUN (Blood Urea Nitrogen)	19.5	mg/dL	6.00 - 20.00	
Creatinine	0.90	mg/dL	0.50 - 1.50	
Urio Acid	4.32	ma/dL	3.5 - 7.2	

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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: DURGESH SAH Name

Sex/Age: Male / 34 Years

Case ID

: 30402200154

Ref.By : HOSPITAL

Dis. At :

Pt. ID Pt. Loc 2665643

Bill. Loc. : Aashka hospital

Sample Type

: Whole Blood EDTA

Mobile No :

Reg Date and Time

: 08-Apr-2023 09:25

Sample Date and Time : 08-Apr-2023 09:25

Sample Coll. By

Acc. Remarks

Ref Id1

Report Date and Time : 08-Apr-2023 10:59

· Normal

Ref Id2

: 00423059 : 02324208

**TEST** 

**RESULTS** 

UNIT

**BIOLOGICAL REF RANGE** 

REMARKS

## Glycated Haemoglobin Estimation

HbA1C

5.79

119.47

% of total Hb 4.80 - 6.00

Estimated Avg Glucose (3 Mths)

mg/dL

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

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)

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

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and the second s	_						
	I	ABORATORY	REPORT				
Name : DURGESH S	SAH		Sex/Age	Male	/ 34 Years	Case ID	30402200154
Ref.By : HOSPITAL			Dis. At :			Pt. ID	: 2665643
Bill. Loc. ; Aashka hosp	oital					Pt. Loc	:
Reg Date and Time	: 08-Apr-2023 09:25	Sample Type	: Serum			Mobile No	:
Sample Date and Time	: 08-Apr-2023 09:25	Sample Coll. By	:			Ref Id1	: O0423059
Report Date and Time	: 08-Apr-2023 11:00	Acc. Remarks	: Normal			Ref Id2	: O2324208
TEST	RESU	LTS	UNIT	BIOLO	OGICAL REF	RANGE	REMARKS
		Thyroid Fu	nction Te	est			
Triiodothyronine (T3)	76.53		ng/dL	70 - 2	.04		
Thyroxine (T4)	8.2		ng/dL	4.6 -	10.5		
TSH CMIA INTERPRETATIONS	1.195		μIU/mL	0.4 - 4	4.2		

- 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), PRTH 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 & incipent 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 supressed 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)

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

Dr. Shreya Shah M.D. (Pathologist) Page 12 of 13





LABORATORY REPORT					Montagemen		
Name : DURGESH	SAH		Sex/Age : Male	/ 34 Years	Case ID	: 30402200154	
Ref.By : HOSPITAL			Dis. At :		Pt. ID	: 2665643	
Bill. Loc. : Aashka hosp	oital				Pt. Loc	:	
Reg Date and Time	: 08-Apr-2023 09:25	Sample Type	: Serum		Mobile No	:	
Sample Date and Time	: 08-Apr-2023 09:25	Sample Coll. By	;		Ref ld1	: 00423059	
Report Date and Time	: 08-Apr-2023 11:00	Acc. Remarks	: Normal		Ref Id2	: O2324208	

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 triodothyronine (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 hypothyroid 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 hormons vary according trimesper in pregnancy.

TSH ref range in Pregnacy

Reference range (microlU/ml) 0.24 - 2.00 0.43-2.2

First triemester Second triemester Third triemester

0.8-2.5

	T3	T4	TSH
Normal Thyroid function	N	N	N
Primary Hyperthyroidism	个	个	$\downarrow$
Secondary Hyperthyroidism	<b>^</b>	<b>^</b>	^
Grave's Thyroiditis	<b>1</b>	^	<b>↑</b>
T3 Thyrotoxicosis	<b>*</b>	N	N/ψ
Primary Hypothyroidism	Ψ.	<b>V</b>	<b>1</b>
Secondary Hypothyroidism	Ψ	\ \	V
Subclinical Hypothyroidism	N	N	<b>^</b>
Patient on treatment	N	NA	4

-- 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)

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

Dr. Shreya Shah

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GE MAC2000

12SL™ v241

25 mm/s 10 mm/mV

ADS