

5:00PM  
10/12/2022.

S/B - Dr. Mahipalsinh Rao  
[CMD Medicine].

Madhesh Pawar / 34 / Male => Routine check up.

Not any complaints now  
Not any comorbidities  
Not any drug, allergic history.

10/12

USG - Abdo - (N)

HbA1c - 6.30 (N)

Hb - 14.2

WBC - 6940

R - 312000

URINE - R/M - NAD

EBS - 95

PP - BS - 121

CRP - 0.9

LDL - 123 (N)

SGPT - 32

T. Bili - 0.38

TSH - 1.09

PSA - 0.9

SPF ECHO (N)

CR (DPT) (N)

eg - NSR / urine

HbA1c  
0.0  
(1 year back).

Pre-diabetic

Temp (N)  
PR - 94/min  
BP - 130/90 mmHg  
RS - clear  
CV @ S, S  
SpO<sub>2</sub> - 98% RA  
CM - conscious / oriented.

(PTO)

Ⓡ ADD/SRI/ exercise / fat free diet.

— Medically fit.

Shiv

HbA1c  
lipid profile } after 3 months.

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

UHID:	Date: 10/12/22	Time:
Patient Name: Mahesh M. Pooni	Age / Sex: 34	Height:
	Weight:	
History: C/O R/O... ..		
Allergy History:		
Nutritional Screening: Well-Nourished / Malnourished / Obese		
Examination: D.N. - L GIG N.V. - L GIG color vision normal		
Diagnosis:		

**PATIENT NAME: MAHESH MILIND PAWAR**

**GENDER/AGE: Male / 34 Years**

**DATE: 10/12/22**

**DOCTOR:**

**OPDNO: OSP29270**

## 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 hydronephrosis or mass lesion is seen on either side. No evidence of perinephric fluid collection is seen. Right renal concretions are seen.

Right kidney measures about 10.1 x 4.2 cms in size.

Left kidney measures about 10.0 x 4.8 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 220 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:** Right renal concretions.

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

  
DR. SNEHAL PRAJAPATI



LABORATORY REPORT



Name : MAHESH MILIND PAWAR	Sex/Age : Male / 34 Years	Case ID : 21202200299
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2441985
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 10-Dec-2022 09:40	Sample Type :	Mobile No : 9819133168
Sample Date and Time : 10-Dec-2022 09:40	Sample Coll. By :	Ref Id1 : OSP29270
Report Date and Time :	Acc. Remarks : Normal	Ref Id2 : O22237263

### Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
<b>Glyco Hemoglobin</b>			
HbA1C	6.30	% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes
<b>Haemogram (CBC)</b>			
RBC (Electrical Impedance)	6.26	millions/cu mm	4.50 - 5.50
MCV (RBC histogram)	71.8	fL	83.00 - 101.00
MCH (Calc)	22.7	pg	27.00 - 32.00
<b>Lipid Profile</b>			
HDL Cholesterol	43.4	mg/dL	48 - 77
Chol/HDL	4.27		0 - 4.1
LDL Cholesterol	123.10	mg/dL	65 - 100
Uric Acid	3.37	mg/dL	3.5 - 7.2

Abnormal Result(s) Summary End

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



## LABORATORY REPORT



Name : <b>MAHESH MILIND PAWAR</b>	Sex/Age : <b>Male / 34 Years</b>	Case ID : <b>21202200299</b>
Ref.By : <b>AASHKA HOSPITAL</b>	Dis. At :	Pt. ID : <b>2441985</b>
Bill. Loc. : <b>Aashka,hospital</b>		Pt. Loc :
Reg Date and Time : <b>10-Dec-2022 09:40</b>	Sample Type : <b>Whole Blood EDTA</b>	Mobile No : <b>9819133168</b>
Sample Date and Time : <b>10-Dec-2022 09:40</b>	Sample Coll. By :	Ref Id1 : <b>OSP29270</b>
Report Date and Time : <b>10-Dec-2022 10:03</b>	Acc. Remarks : <b>Normal</b>	Ref Id2 : <b>O22237263</b>

TEST	RESULTS	UNIT	BIOLOGICAL REF. INTERVAL	REMARKS
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### HAEMOGRAM REPORT

#### HB AND INDICES

Haemoglobin (Colorimetric)	14.2	G%	13.00 - 17.00
RBC (Electrical Impedance)	H <b>6.26</b>	millions/cumm	4.50 - 5.50
PCV(Calc)	44.95	%	40.00 - 50.00
MCV (RBC histogram)	L <b>71.8</b>	fL	83.00 - 101.00
MCH (Calc)	L <b>22.7</b>	pg	27.00 - 32.00
MCHC (Calc)	31.6	gm/dL	31.50 - 34.50
RDW (RBC histogram)	15.50	%	11.00 - 16.00

#### TOTAL AND DIFFERENTIAL WBC COUNT (Flowcytometry)

Total WBC Count	6940	/μL	4000.00 - 10000.00
	[ % ]	EXPECTED VALUES	[ Abs ] EXPECTED VALUES
Neutrophil	65.0	% 40.00 - 70.00	4511 /μL 2000.00 - 7000.00
Lymphocyte	28.0	% 20.00 - 40.00	1943 /μL 1000.00 - 3000.00
Eosinophil	4.0	% 1.00 - 6.00	278 /μL 20.00 - 500.00
Monocytes	3.0	% 2.00 - 10.00	208 /μL 200.00 - 1000.00
Basophil	0.0	% 0.00 - 2.00	0 /μL 0.00 - 100.00

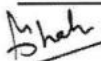
#### PLATELET COUNT (Optical)

Platelet Count	312000	/μL	150000.00 - 410000.00
Neutrophil to Lymphocyte Ratio (NLR)	2.32		0.78 - 3.53

#### SMEAR STUDY

RBC Morphology	Microcytic hypochromic RBCS.
WBC Morphology	Total WBC count within normal limits.
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)

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## LABORATORY REPORT



Name : MAHESH MILIND PAWAR	Sex/Age : Male / 34 Years	Case ID : 21202200299
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2441985
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 10-Dec-2022 09:40	Sample Type : Whole Blood EDTA	Mobile No : 9819133168
Sample Date and Time : 10-Dec-2022 09:40	Sample Coll. By :	Ref Id1 : OSP29270
Report Date and Time : 10-Dec-2022 10:03	Acc. Remarks : Normal	Ref Id2 : O22237263

### Morphological Impression

Adv: Hb Electrophoresis after correction of iron deficiency to rule out Thal minor

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

*Shah*

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## LABORATORY REPORT



Name : <b>MAHESH MILIND PAWAR</b>	Sex/Age : <b>Male / 34 Years</b>	Case ID : <b>21202200299</b>
Ref.By : <b>AASHKA HOSPITAL</b>	Dis. At :	Pt. ID : <b>2441985</b>
Bill. Loc. : <b>Aashka hospital</b>		Pt. Loc. :
Reg Date and Time : <b>10-Dec-2022 09:40</b>	Sample Type : <b>Whole Blood EDTA</b>	Mobile No : <b>9819133168</b>
Sample Date and Time : <b>10-Dec-2022 09:40</b>	Sample Coll. By :	Ref Id1 : <b>OSP29270</b>
Report Date and Time : <b>10-Dec-2022 10:30</b>	Acc. Remarks : <b>Normal</b>	Ref Id2 : <b>O22237263</b>

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR	04	mm after 1hr	3 - 15	

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

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LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : 10-Dec-2022 09:40 Sample Type : **Whole Blood EDTA** Mobile No : **9819133168**  
 Sample Date and Time : 10-Dec-2022 09:40 Sample Coll. By : Ref Id1 : **OSP29270**  
 Report Date and Time : 10-Dec-2022 10:52 Acc. Remarks : **Normal** Ref Id2 : **O22237263**

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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**HAEMATOLOGY INVESTIGATIONS**

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

ABO Type	<b>A</b>
Rh Type	<b>POSITIVE</b>

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

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## LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : 10-Dec-2022 09:40 Sample Type : Spot Urine Mobile No : 9819133168  
 Sample Date and Time : 10-Dec-2022 09:40 Sample Coll. By : Ref Id1 : OSP29270  
 Report Date and Time : 10-Dec-2022 09:50 Acc. Remarks : Normal Ref Id2 : O22237263

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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### 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 : **6.00** 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 : **Negative** Negative

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## LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc. :

Reg Date and Time : 10-Dec-2022 09:40 Sample Type : **Spot Urine** Mobile No : **9819133168**  
 Sample Date and Time : 10-Dec-2022 09:40 Sample Coll. By : Ref Id1 : **OSP29270**  
 Report Date and Time : 10-Dec-2022 09:50 Acc. Remarks : **Normal** Ref Id2 : **O22237263**

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)

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## LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : 10-Dec-2022 09:40 Sample Type : **Plasma Fluoride F,Plasma Fluoride PP,Serum** Mobile No : **9819133168**  
 Sample Date and Time : 10-Dec-2022 09:40 Sample Coll. By : Ref Id1 : **OSP29270**  
 Report Date and Time : 10-Dec-2022 13:05 Acc. Remarks : **Normal** Ref Id2 : **O22237263**  
**TEST RESULTS UNIT BIOLOGICAL REF RANGE REMARKS**

<b>Plasma Glucose - F</b>	<b>95.08</b>	mg/dL	70.0 - 100
<b>Plasma Glucose - PP</b>	<b>121.70</b>	mg/dL	70.0 - 140.0
<b>BUN (Blood Urea Nitrogen)</b> <small>GLDH</small>	<b>9.0</b>	mg/dL	6.00 - 20.00
<b>Creatinine</b>	<b>0.90</b>	mg/dL	0.50 - 1.50
<b>Uric Acid</b>	<b>L 3.37</b>	mg/dL	3.5 - 7.2

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

*Shah*

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## LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc. :  
 Reg Date and Time : **10-Dec-2022 09:40** Sample Type : **Serum** Mobile No : **9819133168**  
 Sample Date and Time : **10-Dec-2022 09:40** Sample Coll. By : Ref Id1 : **OSP29270**  
 Report Date and Time : **10-Dec-2022 13:03** Acc. Remarks : **Normal** Ref Id2 : **O22237263**

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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### BIOCHEMICAL INVESTIGATIONS

#### Lipid Profile

<b>Cholesterol</b>	<b>185.13</b>	mg/dL	110 - 200
<b>HDL Cholesterol</b>	<b>L 43.4</b>	mg/dL	48 - 77
<b>Triglyceride</b>	<b>93.14</b>	mg/dL	40 - 200
<b>VLDL</b> <i>Calculated</i>	<b>18.63</b>	mg/dL	10 - 40
<b>Chol/HDL</b> <i>Calculated</i>	<b>H 4.27</b>		0 - 4.1
<b>LDL Cholesterol</b> <i>Calculated</i>	<b>H 123.10</b>	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 assessment from HDL and Trnglyceride 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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 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc :

Reg Date and Time : 10-Dec-2022 09:40 Sample Type : Serum Mobile No : 9819133168  
 Sample Date and Time : 10-Dec-2022 09:40 Sample Coll. By : Ref Id1 : OSP29270  
 Report Date and Time : 10-Dec-2022 13:03 Acc. Remarks : Normal Ref Id2 : O22237263

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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### BIOCHEMICAL INVESTIGATIONS

#### Liver Function Test

S.G.P.T.	32.25	U/L	0 - 41	
S.G.O.T.	21.96	U/L	15 - 37	
Alkaline Phosphatase	64.17	U/L	40 - 130	
Gamma Glutamyl Transferase	37.35	U/L	8 - 61	
Proteins (Total)	7.57	gm/dL	6.4 - 8.2	
Albumin	4.83	gm/dL	3.4 - 5	
Globulin <i>Calculated</i>	2.74	gm/dL	2 - 4.1	
A/G Ratio <i>Calculated</i>	1.8		1.0 - 2.1	
Bilirubin Total	0.38	mg/dL	0.2 - 1.0	
Bilirubin Conjugated	0.19	mg/dL		
Bilirubin Unconjugated <i>Calculated</i>	0.19	mg/dL	0 - 0.8	

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

*Shah*

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Name : MAHESH MILIND PAWAR	Sex/Age : Male / 34 Years	Case ID : 21202200299
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2441985
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 10-Dec-2022 09:40	Sample Type : Whole Blood EDTA	Mobile No : 9819133168
Sample Date and Time : 10-Dec-2022 09:40	Sample Coll. By :	Ref Id1 : OSP29270
Report Date and Time : 10-Dec-2022 10:53	Acc. Remarks : Normal	Ref Id2 : O22237263

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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### BIOCHEMICAL INVESTIGATIONS

#### Glycated Haemoglobin Estimation

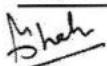
HbA1C	H 6.30	% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes
Estimated Avg Glucose (3 Mths) <i>Calculated</i>	134.11	mg/dL	

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)



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LABORATORY REPORT



Name : **MAHESH MILIND PAWAR** Sex/Age : **Male / 34 Years** Case ID : **21202200299**  
 Ref.By : **AASHKA HOSPITAL** Dis. At : Pt. ID : **2441985**  
 Bill. Loc. : **Aashka hospital** Pt. Loc. :

Reg Date and Time : 10-Dec-2022 09:40	Sample Type : Serum	Mobile No : 9819133168
Sample Date and Time : 10-Dec-2022 09:40	Sample Coll. By :	Ref Id1 : OSP29270
Report Date and Time : 10-Dec-2022 10:54	Acc. Remarks : Normal	Ref Id2 : O22237263

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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**Thyroid Function Test**

<b>Triiodothyronine (T3)</b>	<b>89.42</b>	ng/dL	70 - 204	
<b>Thyroxine (T4)</b> <small>CMA</small>	<b>8.0</b>	ng/dL	4.6 - 10.5	
<b>TSH</b> <small>CMA</small>	<b>1.099</b>	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)

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

**Dr. Shreya Shah**  
 M.D. (Pathologist)







## LABORATORY REPORT



Name : <b>MAHESH MILIND PAWAR</b>	Sex/Age : <b>Male / 34 Years</b>	Case ID : <b>21202200299</b>
Ref.By : <b>AASHKA HOSPITAL</b>	Dis. At :	Pt. ID : <b>2441985</b>
Bill. Loc. : <b>Aashka hospital</b>		Pt. Loc :
Reg Date and Time : <b>10-Dec-2022 09:40</b>	Sample Type : <b>Serum</b>	Mobile No : <b>9819133168</b>
Sample Date and Time : <b>10-Dec-2022 09:40</b>	Sample Coll. By :	Ref Id1 : <b>OSP29270</b>
Report Date and Time : <b>10-Dec-2022 10:54</b>	Acc. Remarks : <b>Normal</b>	Ref Id2 : <b>O22237263</b>

**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/↑	↓

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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**Neuberg Supratech Reference Laboratories Private Limited**

"KEDAR" Opposite Krupa Petrol Pump, Near Parimal Garden, Ahmedabad - 380006

Phone : 079-40408181 / 61618181 | Email : contact@supratechlabs.com | Website : www.neubergsupratech.com



## LABORATORY REPORT



Name : MAHESH MILIND PAWAR	Sex/Age : Male / 34 Years	Case ID : 21202200299
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 2441985
Bill. Loc. : Aashka hospital		Pt. Loc. :
Reg Date and Time : 10-Dec-2022 09:40	Sample Type : Serum	Mobile No : 9819133168
Sample Date and Time : 10-Dec-2022 09:40	Sample Coll. By :	Ref Id1 : OSP29270
Report Date and Time : 10-Dec-2022 10:59	Acc. Remarks : Normal	Ref Id2 : O22237263

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
<b>Prostate Specific Antigen</b> CMIA	<b>0.9190</b>	ng/mL	0.00 - 4.00	

**INTERPRETATIONS:**

Useful for Evaluating patients with documented prostate problems in whom multiple prostate-specific antigen tests may be necessary per year. Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment. Prostate-specific antigen (PSA) values are reported with the 95th percentile limits by decade of age. These reference limits include men with benign prostatic hyperplasia. They exclude all cases with proven cancer. PSA values exceeding the age-specific limits are suspicious for prostate disease, but further testing, such as prostate biopsy, is needed to diagnose prostate pathology. Values >0.2 ng/mL are considered evidence of biochemical recurrence of cancer in men after prostatectomy.

**CAUTIONS:**

Serum markers are not specific for malignancy, and values may vary by method. When age is not supplied, the results cannot be flagged as high or low. Digital rectal examination generally does not increase normal prostate-specific antigen (PSA) values. However, cystoscopy, urethral instrumentation, and prostate biopsy may increase PSA levels. 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.

- If total PSA is above cut off value (between 4 to 20 ng/ml) free PSA should be advised to differentiate benign prostatic hyperplasia from prostatic malignancy.
- Free PSA levels above 20 to 25 % of total PSA are more likely to be associated with BPH.
- Prostate biopsy is required for the diagnosis of cancer. **Tumor marker results obtained can vary due to differences in assay methods and reagent specificity. Patient results determined by assays using different manufacturers for methods may not be comparable.**

**RELATIONSHIP BETWEEN PROBABILITY OF PROSTATE MALIGNANCY & FREE PSA% TO TOTAL PSA**

Free PSA % to total PSA	0-10%	10-15%	15-20%	20-25%	>25%
fr Probability of malignancy	56%	28%	20%	16%	8%

**DILUTION PROTOCOL:**

At our lab with kit, manual dilution protocol has been validated for PSA up to 1:20 dilution and result up to 2000 NG/ML. After above dilution, it will be done manually and because of Ag-Ab reaction curve it may be erroneous if diluted after validated dilution. \* Test results, interpretation & notes are meant for Medical Personal only.

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

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 : <b>MAHESH MILIND PAWAR</b>	Sex/Age : <b>Male / 34 Years</b>	Case ID : <b>21202200299</b>
Ref.By : <b>AASHKA HOSPITAL</b>	Dis. At :	Pt. ID : <b>2441985</b>
Bill. Loc. : <b>Aashka hospital</b>		Pt. Loc :
Reg Date and Time : <b>10-Dec-2022 09:40</b>	Sample Type : <b>Serum</b>	Mobile No : <b>9819133168</b>
Sample Date and Time : <b>10-Dec-2022 09:40</b>	Sample Coll. By :	Ref Id1 : <b>OSP29270</b>
Report Date and Time : <b>10-Dec-2022 10:59</b>	Acc. Remarks : <b>Normal</b>	Ref Id2 : <b>O22237263</b>

# 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**  
M.D. (Pathologist)

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Phone : 079-40408181 / 61618181 | Email : contact@supratechlabs.com | Website : www.neubergsupratech.com

PATIENT NAME: MAHESH MILIND PAWAR

GENDER/AGE: Male / 34 Years

DATE: 10/12/22

DOCTOR: DR. HASIT JOSHI

OPDNO: OSP29270

2D-ECHO

MITRAL VALVE	: NORMAL	
AORTIC VALVE	: NORMAL	
TRICUSPID VALVE	: NORMAL	
PULMONARY VALVE	: NORMAL	
AORTA	: 30mm	
LEFT ATRIUM	: 29mm	
LV Dd / Ds	: 35/23mm	EF 60%
IVS / LVPW / D	: 9/8mm	
IVS	: INTACT	
IAS	: INTACT	
RA	: NORMAL	
RV	: NORMAL	
PA	: NORMAL	
PERICARDIUM	: NORMAL	
VEL	: PEAK	MEAN
M/S	: Gradient mm Hg	Gradient mm Hg
MITRAL	: 0.9/0.7m/s	
AORTIC	: 1.2m/s	
PULMONARY	: 1.1m/s	
COLOUR DOPPLER	: NO MR/AR/TR	
RVSP	:	
CONCLUSION	: NORMAL LV SIZE / SYSTOLIC FUNCTION.	



CARDIOLOGIST  
DR. HASIT JOSHI (9825012235)

Aashka Hospitals Ltd.  
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CIN: L85110GJ2012PLC072647



**PATIENT NAME:MAHESH MILIND PAWAR**

**GENDER/AGE:Male / 34 Years**

**DATE:10/12/22**

**DOCTOR:**

**OPDNO:OSP29270**

**X-RAY CHEST PA**

**Expiratory film:**

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**



10.12.2022 10:58:12 AM  
AASHKA HOSPITAL LTD.  
SARGASAN  
GANDHINAGAR

Location: 1  
Order Number:  
Indication:  
Medication 1:  
Medication 2:  
Medication 3:

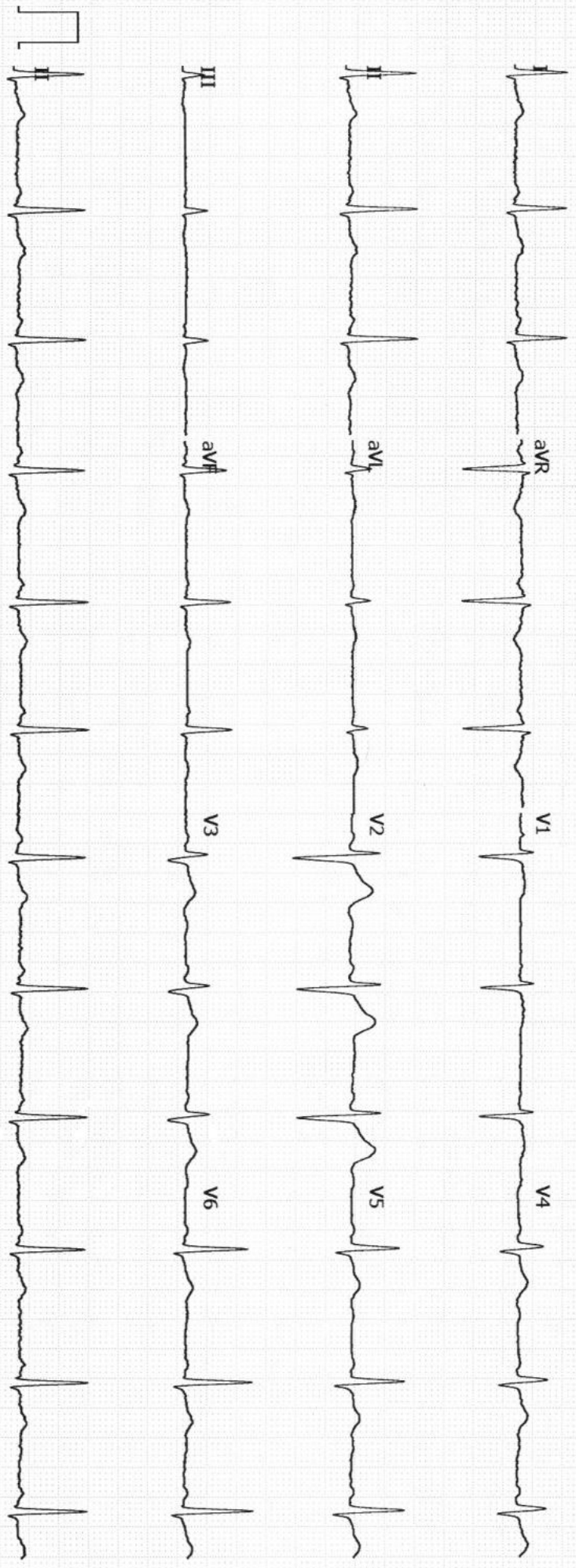
Room: 101 0942 #

69 bpm  
-- / -- mmHg

Technician:  
Ordering Ph:  
Referring Ph:  
Attending Ph:

QRS : 82 ms  
QT / QTcBaz : 390 / 417 ms  
PR : 124 ms  
P : 92 ms  
RR / PP : 872 / 869 ms  
P / QRS / T : 24 / 51 / 14 degrees

Normal sinus rhythm  
Normal ECG



GE MAC2000 1.1 12SL™ V241

25 mm/s 10 mm/mV

ADS 0.5-20 Hz 50 Hz

Unconfirmed  
4x2.5x3\_25\_R1 1/1



भारत सरकार  
Government of India



महेश मिलिंद पवार  
Mahesh Milind Pawar  
जन्म तारीख/DOB: 29/05/1988  
पुल्ल/ MALE

8207 2922 6577



भारतीय आचार्य, भारतीय ओळख









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 spouse of our employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS OF HEALTH CHECK UP BENEFICIARY	
NAME	MAHESH MILINDPAWAR
DATE OF BIRTH	29-05-1988
PROPOSED DATE OF HEALTH CHECKUP FOR EMPLOYEE SPOUSE	05-12-2022
BOOKING REFERENCE NO.	22D172530100031900S
SPOUSE DETAILS	
EMPLOYEE NAME	MS. KAMBLE VARSHA B
EMPLOYEE EC NO.	172530
EMPLOYEE DESIGNATION	CREDIT
EMPLOYEE PLACE OF WORK	GANDHINAGAR,GEZIA
EMPLOYEE BIRTHDATE	27-06-1990

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 **28-11-2022** 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's spouse 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/-