Patient Name	Nitin Ichads	e ·	Date		
Age	3940.		UHID No		
Sex	male.		Ref By		
Occupation	Service .		Phone No		
Occupation	9(1)		Email		
医表記者至	HEALT	H ASSESS	MENT FOR	VI	Alar ,
		Control of the second	AMINATION		HT NAME OF
	L w ak u	eel pain	1:3-4 month	4	
CHIEF COMPLAINTS			ilk.		
PAST HISTORY	- No H(o a	Asthama	Heart Disease	Thyroid Disorder	Allergy
MEDICAL HISTORY	No.	No:	No.	No.	No.
	Diabetes	Stroke	Kidney Disorder	Tuberculosis	Liver Disorde
	No	10.	No.	20.	20.
	Other History				
					C Upt dis
SURGICAL HISTORY	Piles	Fissures	Fistula	Hernia	Gall Bladder Stone
SURGICAL HISTORY	No.	No:	No.	No.	No.
CURRENT MEDICATIONS	Sr. No	Co	mplaints	Dosage	Duration
MEDICATIONS			. 0		
		No			
			•		

	0	Weight	85.6 ing.
AME	Nitin khaddr .	Height	181cm
P	110 80 mm Hg.	SPO2	97 CM.
ulse	66 p) min .	Peripheral Pulses	Present
emperature	Abstal	Breath Sound	ACR(,
)edema	Absent.		
leart Sound	Siby t	EXAMINATION	
		YES/NO	
		GENITOUR	INARY SYSTEM
	CONSTITUTIONAL	Frequency of urine	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ever	1	Blood in urine	
Chills	400	Incomplete empty of	
Recent weight ga	in (bladder	4 no
Kecent Weight Ba	V	Nycturia	
商品 用数	EYES	Dysuria	
Eye pain		Urge Incontinence	A
Spots before eye	5	Organicontinence	SS/GYNE.
Dry eyes	gno.	Abnormal bleed	
Wearing glasses		Vaginal Discharge	4 18
Vision changes		irregular menses	P
Itchy eyes	U	Midcycle bleeding	
	EAR/NOSE/THROAT	MALISC	ULOSKELETAL
Earaches			
No: e bleeds		Joint swelling	1 Bichart par
Sore throat	y no.	Joint pain	4600
Loss of hearing		Limb swelling	
Sinus problems		Joint stiffness	MENTARY(SKIN)
Dental problem	5		MENTARTISKIN
	CARDIOVASCULAR	Acne	- In
Chest pain		Breast pain	4 10.
Heart rate is fas	st/slow (HO .	Change in mole	1
Palpitations	Y	Breast	- DELEGAL
Leg swelling			JROLOGICAL
reg overing	RESPIRATORY	Confused	
Shortness of br	reath 1	Sensation in limbs	600
Cough		Migraines	
Orthopnoea	l w.	Difficulty walking	V
Wheezing	Y		SYCHIATRIC
Dysphoea	J.	Suicidal	
Respiratory dis		Change in personal	
Respiratory dis	GASTROINTESTINAL	Anxiety	4ND,
Abdominal pai	1.6	Sleep Disturbances	
	A A A	Depression	
Constipation		Emotional	J.
Heartburn	4 po,		V
Vomiting			
Diarrhoea	-		
Melena	V		



आधार – सामान्य माणसाचा अधिकार

Dr Sandeep Deshpande MD (CARDIOLOGIST) REG - 72944 Mahr

VRX HEALTHCARE PVT. LTD.

Shop No 34-38. Gayatri Satsang Building. Behind Vishnu Shivam Mall. Thakur Village, Kandivali East. Mumbai, Maharashtra - 400 101 Mobile No.: 7506155999 / 7045955999





VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender Referred By

: 39 Years 6 Months /M : MEDIWHEEL

UHID

: VRX-43876

Registered On

: 09/09/2024 09:41

Collected On

09/09/2024 10:03

Reported On

09/09/2024 16:28

	Observed Value	Bio. Ref. Interval	METHOD
nvestigations			
CBC-COMPLETE BLOOD COUNT	Toward Company	13.0 - 17.0 gm/dl	
HAEMOGLOBIN	13.6	The second secon	
RBC COUNT	4.64	4.5 - 5.5 Millions/Cmm	
PACKED CELL VOLUME	42.1	40.0 - 50.0 %	
MEAN CORP VOL (MCV)	90.73	83.0 - 101.0 fL	
MEAN CORP HB (MCH)	29.31	27 - 32 pg	
The state of the s	32.3	31.5 - 34.5 g/dl	
MEAN CORP HB CONC (MCHC)	13.1	11.6 - 14.0 %	
RDW	4.6	4.0 - 10.0 *1000/cmm	
WBC COUNT		40 - 80 %	
NEUTROPHILS	59	20 - 40 %	
LYMPHOCYTES	32	1-6 %	
EOSINOPHILS	03		
MONOCYTES	0	2 - 10 %	
PLATELETS COUNT	222	150 - 410 *1000/Cmm	
PLATELETS ON SMEAR	Adequate	100000000000000000000000000000000000000	
MPV	9.7	6.78 - 13.46 %	
- Charles	16.7	9 - 17 %	
RBC MORPHOLOGY	NORMOCYTIC NORMOCHROMIC		Photometric and WBC, RBC.

REMARKS
EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. (Haemoglobin by Photometric and WBC, RBC, EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. (Haemoglobin by Photometric and WBC, RBC, EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. (Haemoglobin by Photometric and WBC, RBC, EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. (Haemoglobin by Photometric and WBC, RBC, EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. (Haemoglobin by Photometric and WBC, RBC, EDTA Whole Blood - Tests done on Automated NIHON KOHDEN MEK-7300K 5 Part Analyzer. Platelet count by Impedance method, WBC differential by Floating Discriminator Technology and other parameters are calculated) All Abnormal Haemograms are reviewed and confirmed microscopically. Differential count is based on approximately 10,000 cells.

INTERPRETATION

--- End of the Report ---

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Behind Vishnu Shivam Mall, Thakur Village, Kandivali East,

Mumbai, Maharashtra - 400 101 Mobile No.: 7506155999 / 7045955999

> Dr. Vipul Jain M.D.(PATH)

APPROVED BY

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G





VRX HEALTH CARE PVT, LTD.

Name

: MR. NITIN KHADSE

Age/Gender

39 Years 6 Months /M

Referred By

: MEDIWHEEL

UHID

: VRX-43876

Registered On

: 09/09/2024 09:41

Collected On

09/09/2024 10:03

Reported On

09/09/2024 16:28

Investigations

Observed Value

Bio. Ref. Interval

METHOD

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE BELOW 40

	MEDIWHEEL FULL BOD	Y HEALTH CHECKOP WINES SEES	SLIDE AGGLUTIN
BLOOD GROUP	A POSITIVE		ATION - FORWAR D GROUPING
		- 90 W - 150 W	WESTERGREN
FCD	14	< 20 mm at the end of 1Hr.	
ESR			the state of the

ESR(Erythrocyte Sedimentation Rate)-The ESR measures the time required for erythrocytes from a whole blood sample to settle to the bottom of a vertical tube. Factors influencing the ESR include red cell volume, surface area, density, aggregation, and surface charge. The ESR is a sensitive, but nonspecific test that is frequently the earliest indicator of disease. It often rises significantly in widespread inflammatory disorders due to infection or

autoimmune mechanisms. Such elevations may be prolonged in localized inflammation and malignancies. Increased ESR: may indicate pregnancy, acute or chronic inflammation, tuberculosis, rheumatic fever, paraproteinemias, rheumatoid arthritis, some

Decreased ESR: may indicate polycythemia, sickle cell anemia, hyperviscosity, or low plasma pratein.

--- End of the Report ---

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> Dr. Vipul Jain M.D.(PATH)

APPROVED BY

War

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CHECKED BY - SNEHA G





VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender Referred By

: 39 Years 6 Months /M : MEDIWHEEL

UHID

: VRX-43876

Registered On

: 09/09/2024 09:41

Collected On

09/09/2024 13:08

Reported On

09/09/2024 16:28

nvestigations	Observed Value	Bio. Ref. Interval	METHOD
PPBS		208	GODPOD
PPBS	91.0	< 140 mg/dl	GODPOD
URINE SUGAR	ABSENT		GODPOD
URINE KETONE	ABSENT		

INTERPRETATION SAMPLE : FLUORIDE,PLASMA

Plasma Glucose Fasting: Non-Diabetic: < 100 mg/dl

Diabetic : >/= 126 mg/dl Pre-Diabetic: 100 - 125 mg/dl

Plasma Glucose Post Lunch: Non-Diabetic: < 140

Diabetic : >/= 200 mg/dl Pre-Diabetic : 140- 199 mg/dl.

Random Blood Glucose : Diabetic : >/= 200 mg/dl

References: ADA(American Diabetic Association Guidelines 2016) Technique: Fully Automated PENTRA C-200 Clinical Chemistry Analyser.

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

ENSTING BLOOD SUGAR

FASTING BLOOD SUGAR			GODPOD
FBS	98.88	< 100 mg/dl	GODPOD
URINE SUGAR	ABSENT		GODPOD
URINE KETONE	ABSENT		

INTERPRETATION

SAMPLE : FLUORIDE, PLASMA

Plasma Glucose Fasting: Non-Diabetic: < 100 mg/dl

Diabetic :>/= 126 mg/dl Pre-Diabetic: 100 - 125 mg/dl Plasma Glucose Post Lunch: Non-Diabetic: < 140

> Diabetic : >/= 200 mg/dl Pre-Diabetic: 140-199 mg/dl.

Random Blood Glucose : Diabetic : >/= 200 mg/dl

References: ADA(American Diabetic Association Guidelines 2016) Technique: Fully Automated PENTRA C-200 Clinical Chemistry Analyser.

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--- End of the Report ---

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Dr. Vipul Jain M.D.(PATH)

APPROVED BY

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G





VRX HEALTH CARE PVT. LTD.

UHID

: AM10.24000000001

Patient Name : MR. NITIN KHADSE

: 39 Yrs 6 Month

Age Gender

: MALE

Ref. Doctor Client Name : SELF

: DIAGNO LOUNGE(ADVANCED DIAGNOSTIC CENTRE)KANDIVALI

Bill No.

: A072898

Registered On

: 09/09/2024,02:33 PM

Collected On

:09/09/2024,03:18 PM

Reported On SampleID

:09/09/2024,08:39 PM

	Biochemist	ry	T
Test Name	Result	Unit	Biological Reference Interval
HbA1c (Glycocylated Haemoglobin) WB	-EDTA		
HbA1c (Glycocylated Haemoglobin)	5.4	%	Normal <5.7 %
			Pre Diabetic 5.7 - 6.4 %
			Diabetic >6.5 %
			Target for Diabetes on therapy < 7.0 %
			Re-evalution of therapy > 8.0 %
			Reference ADA Diabetic
			Guidelines 2013.
Method : HPLC (High Performance Liqu:	id Chromatography)		

Mean Blood Glucose

Method : Calculated

108.3 mg/dL

detecting hemoglobinopathy.

Hemoglobin electrophoresis (HPLC method) is recommended for

VRX HEALTHCARE PVT. LTD.

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Entered By

Verified By

Dr Suvarna Deshpande MD (Path) Reg.No.83385

Dr Aparna Jairam MD (Path) Reg.No.76516

"Sample Processed At Asaviee Dr Aparna's Pathology Laboratory"







VRX HEALTH CARE PVT. LTD.

: AM10.24000000001

Patient Name

: MR. NITIN KHADSE : 39 Yrs 6 Month

Age Gender

Ref. Doctor Client Name : MALE

: SELF : DIAGNO LOUNGE(ADVANCED DIAGNOSTIC CENTRE)KANDIVALI

Bill No.

: A072898

Registered On

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Collected On

:09/09/2024,03:18 PM

Reported On SampleID

:09/09/2024,08:39 PM

REPORT

D:		

		Biochemist	ry	
Test Name		Result	Unit	Biological Reference Interval
	A1C with average glucose	-		
A1C (%)	Mean Blood Glucose (mg/dl)			
6	126			
7	154			
8	183			
8 9	212			
10	240			
11	269			
12	298			

Interpretation:

1. The HbA1c levels corelate with the mean glucose concentration prevailing in the course of Pts recent history (apprx 6-8 weeks) & therefore provides much more reliable information for glycemia control than the blood glucose or urinary glucose. This Methodology is better then the routine chromatographic methods & also for the daibetic pts.having HEMOGLBINOPATHIES OR UREMIA as Hb varaints and uremia does not INTERFERE with the results in this methodology.

2.It is recommended that HbA1c levels be performed at 4 - 8 weeks during therapy in uncontrolled DM pts.& every 3 - 4 months in well

controlled daibetics. 3.Mean blood glucose (MBG) in first 30 days (0-30) before sampling for HbA1c contributes 50% whereas MBG in 90 - 120 days contribute to 10% in final HbA1c levels

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Entered By

Verified By

Dr Suvarna Deshpande MD (Path) Reg.No.83385

Dr Aparna Jairam MD (Path) Reg.No.76516

"Sample Processed At Asavlee Dr Aparna's Pathology Laboratory"







VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender

: 39 Years 6 Months /M

Referred By

: MEDIWHEEL

UHID

: VRX-43876

Registered On

: 09/09/2024 09:41

Collected On

: 09/09/2024 10:03

Reported On

: 09/09/2024 16:28

Investigations

Observed Value

Bio. Ref. Interval

METHOD

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE BELOW 40

ipid Test		Tables Carpella Processing	
TOTAL CHOLESTEROL	183.3	130 - 200 mg/dl	
TRIGLYCERIDES	108.5	25 - 160 mg/dl	
HDL CHOLESTEROL	40.31	35 - 80 mg/dl	
LDL CHOLESTEROL	121.29	< 100 mg/dl	
VLDL CHOLESTEROL	21.7	7 - 35 mg/dl	
LDL-HDL RATIO	3.01	< 3.5 mg/dl	
TC-HDL CHOLESTEROL RATIO	4.55	2.5 - 4.0 mg/dl	

INTERPRETATION

SAMPLE : SERUM, PLAIN

Note: Non HDL is the best risk predictor of all cholesterol measures, both for CAD(Coronary Artery Diseases) events and for strokes. High Risk patients like Diabetics, Hypertension . With family history of IHD, Smokers, the Desirable reference values for cholesterol & Triglyceride are further reduced by 10 mg % each.

*VLDL and LDL Calculated.

(References: Interpretation of Diagnostic Tests by Wallach's)

Technique : Fully Automated Pentra C-200 Biochemistry Analyzer.

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

--- End of the Report ---

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> Dr. Vipul Jain M.D.(PATH)

APPROVED BY

War

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G





VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender

39 Years 6 Months / M

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Investigations

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METHOD

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE BELOW 40

VER FUNCTION TEST		100	
SGOT	30.08	5 - 40 U/L	
SGPT	32.12	5 - 45 U/L	
TOTAL BILIRUBIN	0.82	0.1 - 1.2 mg/dl	
DIRECT BILIRUBIN	0.59	Adult: < 0.2 mg/dl Infant: 0.2 - 8 mg/dl	
INDIRECT BILIRUBIN	0.23	0.1 - 1.0 mg/dl	
	7.69	6.0 - 8.3 g/dl	
TOTAL PROTEINS	3.92	3.5 - 5.2 g/dl	
ALBUMIN	3.77	2.0 - 3.5 g/dl	
GLOBULIN	1.04	1.0 - 2.0 mg/dl	_
A/G RATIO	CHRONES SEC.	53 - 128 U/L	
ALKALINE PHOSPHATASE	67.61		
GGT	21.43	3 - 60 U/L	

REMARKS

SAMPLE : SERUM, PLAIN

PERFORMED ON FULLY AUTOMATED PENTRA C-200 BIOCHEMISTRY ANALYZER.

--- End of the Report ---

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Mobile No. 7506155999 / 7045955999

Dr. Vipul Jain M.D.(PATH)

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VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender

: 39 Years 6 Months /M

Referred By

: MEDIWHEEL

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: 09/09/2024 16:28

Investigations

Observed Value

Bio. Ref. Interval

METHOD

	MEDIWHEEL FULL BO	DY HEALTH CHECKUP MALE BELOW 40	
TOTAL PROTEINS			BIURET
TOTAL PROTEINS	7.69	6.0 - 7.8 g/dl	BIURET
ALBUMIN	3.92	3.5 - 5.2 g/dl	1995-2302-00
GLOBULIN	3.77	2.0 - 3.5 g/dl	BIURET
AG RATIO	1.04	1.0 - 2.0 g/dl	BIURET
BUN			
UREA	24.82	19 - 44 mg/dl	
BLOOD UREA NITROGEN	11.59	9.0 - 20.5 mg/dl	
CREATININE	1.15	0.5 - 1.4 mg/dl	Jaffe/Alkaline Pict ate
URIC ACID	4.81	3.5 - 7.2 mg/dl	URICASE
BUN / CREAT RATIO			
BUN (Blood Urea Nitrogen)	11.59	9.0 - 20.5 mg/dL	
Creatinine	1.15	0.5 - 1.4 mg/dL	
BUN/Creatinine Ratio	10.08	5.0 - 23.5	

--- End of the Report ---

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Behard Vishnu Shivam Mall
Thakur village. Kandivall East.
Mumhar M. Sarachira 400, 101

> Dr. Vipul Jain M.D.(PATH)

APPROVED BY

NBJair

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G





VRX HEALTH CARE PVT. LTD.

Name

: MR. NITIN KHADSE

Age/Gender

: 39 Years 6 Months /M

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Investigations

Observed Value

Bio. Ref. Interval

METHOD

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE BELOW 40

TOOL ROUTINE		
COLOUR	BROWNISH	
FORM AND CONSISTENCY	SOLID	
MUCUS	ABSENT	
FRANK BLOOD	ABSENT	
WORMS	ABSENT	
REACTION	6.0	
OCCULT BLOOD	NEGATIVE	
PUS CELLS	2-4	
EPITHELIAL CELLS	2-4	
RBCS	NIL	
OVA	ABSENT	
TROPHOZOITES	NIL	
CYST	ABSENT	
FAT BODIES	ABSENT	
MACROPHAGES	ABSENT	
VEGETABLE FIBRES	ABSENT	
YEAST CELLS	ABSENT	

--- End of the Report ---

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> Dr. Vipul Jain M.D.(PATH)

APPROVED BY

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G







VRX HEALTH CARE PVT. LTD.

Name : MR. NITIN KHADSE

Age/Gender : 39 Years 6 Months /M

Referred By : MEDIWHEEL

UHID : VRX-43876

Registered On : 09/09/2024 09:41

Collected On : 09/09/2024 10:03 Reported On : 09/09/2024 16:28

nvestigations	Observed Value	Bio. Ref. Interval	METHOD
JRINE ROUTINE			
COLOUR	PALE YELLOW		
APPEARANCE	CLEAR		
SPECIFIC GRAVITY	1.010		
REACTION (PH)	6.0		
PROTEIN	Absent		
SUGAR	Absent		
KETONE	Absent		
BILE SALT	Absent		
BILIRUBIN	Absent		
NITRITE	Absent		
LEUKOCYTE ESTERASE	Absent		
OCCULT BLOOD	Absent		
PUS CELLS	2-4	< 6 hpf	
EPITHELIAL CELLS	1-2	< 5 hpf	
RBC	NIL	< 2 hpf	
CASTS	NIL		
CRYSTALS	NIL		
AMORPHOUS DEBRIS	Absent		
BACTERIA	Present (trace)		
YEAST CELLS	Absent		
SPERMATOZOA	Absent		

--- End of the Report ---

VRX HEALTHCARE PVT. LTD.
Shop No. 34-38. Gayath Satsang Building.
Behind Vishou Shivam Mail.
Thakur Village, Kandivali East.
Mumba Maharashtra - 400 101.
Mobile No. +c(6155999 / 704595500)

Dr. Vipul Jain M.D.(PATH)

APPROVED BY

9001:2015

ENTERED BY - SANTOSH M

CHECKED BY - SNEHA G





VRX HEALTH CARE PVT. LTD.

: AM10.24000000001

Patient Name : MR. NITIN KHADSE

Gender

Age

: 39 Yrs 6 Month : MALE

Ref. Doctor

Client Name

Test Name

Total T3

Total T4

: SELF

: DIAGNO LOUNGE(ADVANCED DIAGNOSTIC CENTRE)KANDIVALI

1.686

Bill No.

: A072898

Registered On

SampleID

: 09/09/2024,02:33 PM

Collected On Reported On

0.2 - 5.7

:09/09/2024,03:18 PM

: 09/09/2024,08:39 PM

REPORT Immunology **Biological Reference Interval** Unit Result 58-159 ng/dL 89.2 mcg/dl 4.2-11.2 7.0

Method : ECLIA

TSH-Ultrasensitive

Method : ECLIA

Trimester Ranges

Method : Chemiluminescent Microparticle Immunoassay T3- 1st Trimester - 138-278 ng.dl

> 2nd Trimester- 155-328 ng/dl 3rd Trimester - 137-324 ng/dl

uIU/ml

T4- 1st Trimester - 7.31-15.0 mcg/dl 2nd Trimester- 8.92-17.38 mcg/dl 3rd Trimester - 7.98-17.7 mcg/dl

TSH-1st Trimester - 0.04-3.77 uIU/ml 2nd Trimester- 0.30-3.21 uIU/ml 3rd Trimester - 0.6-4.5 uIU/ml

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Scan to Validate



Entered By

Verified By

Dr Suvarna Deshpande MD (Path) Reg.No.83385

Dr Aparna Jairam MD (Path) Reg.No.76516

"Sample Processed At Asavlee Dr Aparna's Pathology Laboratory"







VRX HEALTH CARE PVT. LTD.

: AM10.24000000001 UHID

Patient Name : MR. NITIN KHADSE

: 39 Yrs 6 Month Age

. MALE Gender : SELF Ref. Doctor

: DIAGNO LOUNGE(ADVANCED DIAGNOSTIC CENTRE)KANDIVALI Client Name

: A072898 Bill No.

: 09/09/2024,02:33 PM Registered On

Collected On :09/09/2024,03:18 PM Reported On :09/09/2024,08:39 PM

SampleID

Biological Reference Interval

REPORT

Immunology

Unit Result **Test Name** 1.Total T3(Total Tri- ido- thyronine) is one of the bound form of thyroid hormones produced by thyroid gland. Its production is tightlyregulated by TRH(Thyrotropin Releasing Hormone) from hypothalamus and TSH (Thyroid stimulating hormone) from anterior pituitary gland. In euthyroid state, thyroid gland secretes 10-15% of T3, which in circulation is heavily protein bound and is the principle

bioactive form. T4 is converted to T3 by deiodinases in peripherally (Mainly Liver), and in target organs, Total T3 levels are increased in primary and central hyperthyroidism and T3 toxicosis& its levels are decreased in the primary and central hypothyroidism.but its normal in case of subclinical hypothyroidism and hyperthyroidism alterations in Total T 3 levels can also occur in conditions like Non -Thyroidal

illness,pregnancy, certain drugs and genetic conditions.

2.Total T4 (Total tetra- iodo-thyronine or total thyroxin) is one of the bound form of thyroid hormones produced by thyroid gland .its production is tightly regulated TRH(Thyrotropin Releasing Hormone) from hypothalamus and TSH (Thyroid stimulating hormone) from anterior pituitary gland .In euthyroid state, thyroid gland secretes 85-90% of Thyroxine, which is circulated is heavily protein bound and has more half life than T 3 . Total T4 levels are increased in primary and central hyperthyrrodism and its levels are decreased in primary and central hypothyroidism but its normal in case of subclinical hypothyroidism and hyper thyrodism and T3 Toxicosis is alterations in Total T4 Levels can also occur in conditions like Non -Thyroidal illness, pregnancy, certain drugs and genetic conditionS.

3.TSH (Thyroid stimulating hormone or Thyrotropin) is produced by anterior pituitary in response to its stimulation by TRH (Thyrotrpin releasing hormone) released from hypothalamus .TSH and TRH releases are regulated by thyroid hormone through a feedback mechanism. There are several cases causes that can lead to thyroid gland dysfunction or dysregulation which eventually results in hypothyroidism or hypothyroidism based on the thyroid hormones and TSH levels it can be classified as subclinical primary or central apart from this certain other conditions can also lead to diagnostic confusions in the interpretation of a thyroid function test . They are pregnancy, Levothyroxine therapy certain other drug therapy assay interference alterations in the thyroid hormones binding proteins concentration and its binding capacity conditions of non-thyroidal illness and certain genetic conditions . TSH secretions exhibits diurnal pattern, so its advices able to check it during morning. Measurement of TSH alone may be misleading in conditions like recent treatment for thyrotoxicosis, TSH assay interference, central hypothyroidism. TSH Secreting pituitary adenoma, resistantance to thyroid hormone, and disorders of thyroid hormones transport or metabolism. TSH receptor present in thyroid gland can be stimulated or inhibited by autoantibodies produced during autoimmune thyroid disorders which can lead to functional abnormalities of thyroid gland. The American Thyroid association determined that only TSH assays with third generation functional sensitivity (Sensitivity =0.01 mIU/L) are sufficient for use as screening tests for hypothyroidism their recommendation in consistent with the National Academy of Clinical Biochemistry Laboratory Medicine practice guideline for assessment of thyroid function.

---- End of Report ---

Results are to be correlated clinically

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Scan to Validate

Entered By

Verified By

Dr Suvarna Deshpande MD (Path) Reg.No.83385

Dr Aparna Jairam MD (Path) Reg.No.76516

"Sample Processed At Asaviee Dr Aparna's Pathology Laboratory"







VRX HEALTH CARE PVT. LTD.

Patient Name: MR. NITIN KHADSE AGE: 39 Yrs/ M

Ref. by: MEDI WHEEL Date: 10.09.2024

SONOGRAPHY OF ABDOMEN AND PELVIS

TECHNIQUE: Real time, B mode, gray scale sonography of the abdominal and pelvic organs was performed with convex transducer.

LIVER: The liver is normal in size, shape and has smooth margins. The hepatic parenchyma shows homogeneous echotexture without solid or cystic mass lesion or calcification. No evidence of intrahepatic biliary radical dilatation.

PORTAL VEIN: Portal vein appears normal.

GALL BLADDER: The gall bladder is well distended. There is no evidence of calculus, wall thickening or pericholecystic collection.

COMMON BILE DUCT: The visualised common bile duct is normal in caliber. No evidence of calculus is seen in the common bile duct. Terminal common bile duct is obscured due to bowel gas artifacts.

PANCREAS: The head and part of body of pancreas is normal in size, shape, contours and echo texture. Rest of the pancreas is obscured due to bowel gas artifacts.

SPLEEN: The spleen is normal in size and shape. Its echotexture is homogeneous.

KIDNEYS:

Right kidney	Left kidney
10.4 x 4.5 cm	11.1 x 6.1 cm

The kidneys are normal in size and have smooth renal margins. Cortical echotexture is normal. The central echo complex does not show evidence of hydronephrosis. No evidence of hydroureter or calculi, bilaterally.

URINARY BLADDER: The urinary bladder is distended. It shows uniformly thin walls and sharp mucosa. No evidence of calculus is seen. No evidence of mass or diverticulum is noted. Pre void – 196 cc

.....Continue On Page 2







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(MR.NITIN KHADSEPG 2)

PROSTATE: Prostate is normal in size, measures 20 cc. The prostate gland shows well defined and smooth margins. The prostatic echotexture is normal and homogeneous.

There is no ascites. There is no obvious evidence of significant lymphadenopathy.

IMPRESSION:

No significant abnormality is seen.

Thanks for the reference. With regards,

DR.FORAM AJMERA

CONSULTANT RADIOLOGIST.

VRX HEALTHCARE PVT. LTD.

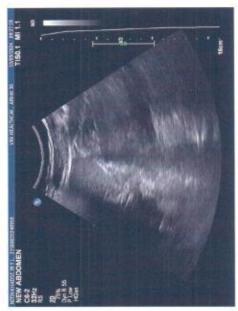
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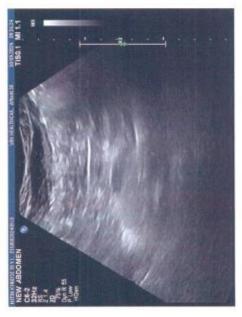


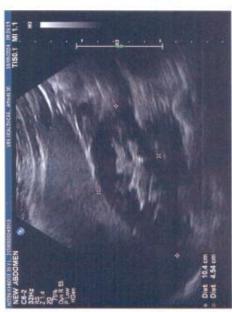
















VRX HEALTH CARE PVT. LTD.

Patient Name:

MR.NITIN KHADSE

Age: 39 Yrs/ M

Ref. by:

MEDI WHEEL

Date: 09/09/2024

XRAY CHEST PA

Bilateral lung fields show no obvious parenchymal lesion.

Cardiac size is normal.

Hila are unremarkable.

Both domes of diaphragm are normal.

Both cardio phrenic and cost phrenic angles are normal.

Bony thoracic cage appears normal.

Please correlate clinically.

DR.FORAM AJMERA CONSULTANT RADIOLOGIST.

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DOB 08/03/1985 39 Years

KHADSE, NITIN

09/09/2024 09:41:35

Male