



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

LIPID PROFILE

Test Name	Result	Units	Biological Reference Interval
Serum Cholesterol :	132.82	mg / dl	Desirable level/low risk : < 200 Borderline level/moderate risk : 200-239 Elevated level/ high risk : > 240
Serum Triglyceride :	<u>176.57</u>	mg / dl	Normal : <150 Borderline high :150-400 High : 400-1000
S. HDL Cholesterol :	42.32	mg / dl	Desirable level/low risk : >80 Borderline level/moderate risk : 35-80 Elevated level/ high risk : <35
S. LDL Cholesterol :	55.186	mg / dl	Desirable level/low risk : <130 Borderline level/moderate risk : 130-159 Elevated level/ high risk : >160
S. VLDL Cholesterol :	35.314	mg / dl	Upto 34
Total Lipids :	642.21	mg / dl	400 - 700
Chol./HDL Ratio :	3.1		
LDL/HDL Ratio :	1.3		Desirable level/low risk : 0.5-3.0 Borderline level/moderate risk : 3.0-6.0 Elevated level/ high risk : >6.0

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

ELECTROLYTES

Test Name	Result	Units	Biological Reference Interval
Serum Sodium :	136.85	mmol /L	[137 - 145]
Serum Potassium :	3.9	mmol/L	[3.5 - 5.1]
Serum Chlorides :	98.00	mmol/L	[98 - 107]

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

FASTING BLOOD SUGAR

Test Name	Result	Units	Biological Reference Interval
Fasting blood sugar :	73.14	mg/dl	Non Diabetic: 70 - 109 Impaired : 110 - 125 Diabetic: 126

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

S.G.P.T

Test Name	Result	Units	Biological Reference Interval
-----------	--------	-------	-------------------------------

S.G.P.T :	30.18	U/L	0 - 40
-----------	-------	-----	--------

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name	: Vatsal D Patel	Ref. No.	: 463
Referred by	: C/o. Dynatech Systems	Age	: 28 Years
Date	: 22/05/2024 15:15	Sex	: Male
Mo.	:		

ERYTHROCYTE SEDIMENTATION RATE (ESR)

Test Name	Result	Units	Biological Reference Interval
After 1 hour :	6.00	mm	1 - 7

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

CREATININE

Test Name	Result	Units	Biological Reference Interval
Serum creatinine :	0.86	mg/dl	0.4 - 1.5
Estimated GFR MALE :	112.545633769189		ml/min/1.73m [> 60]
Estimated GFR FEMALE:	83.5088602567379		ml/min/1.73m [> 60]

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist

TEST REPORT

Patient's Name : **Vatsal D Patel**
 Referred by : C/o. Dynatech Systems
 Date : 22/05/2024 15:15
 Mo. :

Ref. No. : 463
 Age : 28 Years
 Sex : Male

HEMOGRAM

Test Name	Result	Units	Biological Reference Interval
Hemoglobin :	14.4	g/dl	[13.0-18.0]
Total RBC Count :	5.38	mill/cmm	[4.7-6.0]
Total WBC Count :	5700	/cmm	[4000-10000]
Platelet Count :	294000	/cmm	150000-450000
<u>Blood Indices</u>			
P.C.V. :	42.3	%	[42-52]
M.C.V. :	78.62	femtolitre	[78-100]
M.C.H. :	26.77	pg	[27-31]
M.C.H.C. :	34	g/dl	[32-36]
R.D.W. :	16.4	%	[11.5-14.0]
<u>Differential WBC Count</u>			
	<u>Expected value</u>	<u>Absolute Count</u>	<u>Expected value</u>
Polymorphs : 68	[60 - 70]%	3876	1600 - 7000
Lymphocytes : 25	[20 - 40]%	1425	800 - 4000
Eosinophils : 02	[1 - 4]%	114	00-450
Monocytes : 05	[2 - 6]%	285	200 - 1000
Basophils : 00	[0 - 1]%	0	0 - 100

Smear Study

RBCs : RBCs are normocytic,normochromic.
 WBCs : WBCs series show within normal limits.
 Platelets : Platelets are adequate in number.
 PS For MP : No any parasites seen.



Dr. M.P. Patel
 M.D. Pathologist

23/05/2024 12:05

This is an Electronically Authenticated Report.



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

TSH

Test Name	Result	Units	Biological Reference Interval
Serum TSH :	0.92	μIU/ml	[0.34-5.60]

Note :

1. In patients receiving high dose Biotin therapy (>5mg/day) the specimen should be collected for at least 8 hours after the last biotin administration.
2. Sodium heparin therapy interferes with this assay hence sampling from these patients is not recommended.
3. Rarely high titers of antibodies to Streptavidin and Rubidium may also interfere with the assay.

Comments:

TSH Receptor stimulating antibodies are most closely associated with disease pathogenesis in all forms of Autoimmune thyrotoxicosis (Graves disease), Hashitoxicosis & Neonatal Thyrotoxicosis. These antibodies may be detected before autoimmune thyrotoxicosis becomes biochemically or clinically manifest. Since treatments for Graves disease are not aimed at underlying disease process but deal with ablation of thyroid tissue, these antibodies may persist even after apparent clinical. This is especially relevant in pregnant women with Graves disease treated with thyroid ablative therapy who continue to produce thyroid receptor antibodies which can cross the placental barrier and cause neonatal thyrotoxicosis.

Uses:

- Differential diagnosis of etiology of Thyrotoxicosis in patients with ambiguous clinical findings non diagnostic thyroid radio-isotope scans & in pregnant or breast feeding females where thyroid radio-isotope scans are contraindicated.
- Diagnosis of clinically suspected Graves disease (Extra thyroidal manifestation of Graves disease Exophthalmos, Pretibial Myxedema, thyroid acropachy) in patients with normal thyroid function tests.
- Determining risk of Neonatal Thyrotoxicosis in a pregnant female with active or past history of Graves disease.
- Differential diagnosis of Gestational Thyrotoxicosis versus first trimester manifestation or recurrence of Graves disease.
- Assessing the risk of Graves disease relapse after antithyroid therapy.

Dr. M.P. Patel
M.D. Pathologist

23/05/2024 12:05

This is an Electronically Authenticated Report.



5, Patel Chember, Near Scope CT Scan, Opp. HDFC Bank, Mansa Mo.: 8866364 222
108, Shri Shakti Complex, Pethapur Cross To Pethapur Village Road, Pethapur, Gandhinagar Mo.: 63527 78001

00463

TEST REPORT

Patient's Name : **Vatsal D Patel**
Referred by : C/o. Dynatech Systems
Date : 22/05/2024 15:15
Mo. :

Ref. No. : 463
Age : 28 Years
Sex : Male

URINE EXAMINATION**PHYSICAL EXAMINATION:**

Volume - 20 ml
Colour - Yellow
Blood - Absent
Appearance - Clear
Deposit - Absent

CHEMICAL EXAMINATION:

Sp. Gravity - 1.020
Protein - Absent
Glucose - Absent
Ketone - Absent
Urobilinogens - Absent
Bile Salts - Absent
Bile Pigments - Absent
Reaction - Acidic

MICROSCOPIC EXAMINATION: [After centrifugation at 2000 r.p.m. for 5 minutes]

Pus Cells - 2-4 /H.P.F
Red Cells - Absent /H.P.F.
Epithelial Cells - 1-2 /H.P.F.
Casts - Absent
Crystals - Absent
Yeast Cells - Absent
Trichomonas Vag. - Absent
Bacteria - Absent

23/05/2024 12:05

This is an Electronically Authenticated Report.

Dr. M.P. Patel
M.D. Pathologist