

LABORATORY REPORT			
TSH, TOTAL	Adults		
	Children	Birth-4 days 2-20 Weeks 20 Weeks- 20 years	1.0 -38.9 1.7 -9.1 0.7 -6.4
N o t	Pregnancy	1 st Trimester	0.3 -4.5
		2 nd Trimester	0.5 -4.6
		3 rd Trimester	0.8 -5.2

: 1 TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 p.m to 6. a.m Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates +/- 50 %, hence time of the day has influence on the measured serum TSH concentrations.

2 Total T3 & T4 levels measure the hormone which is in the bound form and is not available to most tissues. In addition severe systemic illness which affects the thyroid binding proteins can falsely alter Total T4 levels in the absence of a primary thyroid disease. Hence. Free T3 & T4 levels are recommended for accurate assessment of thyroid dysfunction.

Clinical Use

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders

REPORT COMPLETED

Test Requested:
THYROID PROFILE TOTAL

AmPath collaborates directly with UPMC, one of the top ten hospitals in the United States according to US News & World Report.

AmPath upholds rigorous standards for operational and clinical performance based on US hospital benchmarks. Test results have been furnished in adherence with these standards and under terms and conditions found on the reverse. For details, please email AmPath at customersupport@ampath.com or call 040 6719 9977.

Name: MR. SONU KUMAR SINGH (95) Date : 21/11/22
 Age : 30 Day Sex : M
 Ref By. : JEEVAN KAMNA HOSPITAL

Test Name	Result	Units	Ref. Range
THYROID PROFILE TOTAL			
T3, TOTAL	0.89	ng / mL	(0.5-2.0)
T4, TOTAL	9.4	ug / dL	(4.1-11.8)
TSH, THYROID STIMULATING HORMONE	3.28	uIU / mL	(0.28-6.82)

Method Chemiluminescence Immunoassays

	Reference Groups	Age	Reference Range
T3, Total	Adults	> 18 Years	0.60 - 1.81
	Children	0 - 3 days 1 - 9 years 10 - 13 Years 14 - 18 Years	1.0 - 7.40 1.27 - 2.21 1.23 - 2.11 0.97 - 1.86
T4, Total	Adults	>20 Years	5.60 - 13.70
	Children	0 - 4 Days 15 days - 5 months 5 month- 20 years	14.00 - 28.40 8.10 - 15.70 5.60 - 14.90
	Pregnancy	1 st Trimester 2 nd Trimester 3 rd Trimester	8.00 - 17.10 8.00 - 17.80 8.00 - 20.10

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DEPARTMENT OF LABORATORY SERVICES



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Zoradia, Barlya Road, Infront of Buleet Service Centre, Musaffarpur.

Date :- 26/11/2022
Name :- SONU KUMAR SINGH
JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE

Srl No :- 02
Age :- 30 Sex :- M

BIOCHEMISTRY

LIVER FUNCTION TEST (LFT)

Test Name	Value	Unit	Reference Value
SERUM BILIRUBIN (Total)	0.9	mg/dl	up to 1.0
BILIRUBIN (Dir.)	0.37	mg/dl	up to 0.2
BILIRUBIN (Ind.)	0.40	mg/dl	up to 0.8
SGOT/AST	28.2	U/L	up to 38
SGPT/ALT	35.2	U/L	up to 40
ALKALINE PHOSPHATASE	120	IU/L	20-120
TOTAL PROTEIN	7.4	gm/dl	6.0-8.0
ALBUMIN	4.2	gm/dl	3.5-5.5
GLOBULIN	3.2	gm/dl	2.8-5.6

CHECKED BY

DR. SATYA NARAYAN

M.B.B.S

DR. SYED IQBAL

M.B.B.S

Examiner/Consultant



- FULLY COMPUTERISED PATHOLOGICAL LAB WITH AUTOMATED MACHINES.
- If the results are unexpected or alarming, The doctor is advised to contact lab for clarification with fresh Sample free of cost within five days.

Note : This is a pathological interpretation. All investigations have limitations dependent on quality of specimen and individual assay procedures. An isolated, laboratory assay never confirms the final diagnosis of the disease.

घर से जाँच लाने की सुविधा उपलब्ध है। Call करें : 7667738181

NOT VALID FOR MEDICAL
LEGAL PURPOSE

LABORATORY REPORT

Id.No: 1

Received no:-21.11.2021

Name :- MR.SONU KUMAR SINGH

Age:- 30Yrs Sex:- M

Ref By :- JEEVAN KAMNA HOSPITAL

INVESTIGATION

FINDING

NORMAL RANGE

GLYCOHAEMOGLOBIN :- 7.5 %

(NORMAL -4.2-6.2)

Good diabetic control- 5.5-6.8

Fair control - 6.8-7.6

Poor control - >7.6

A1C Now + fingerstick comparative testing

ESTIMATED AVERAGE BLOOD GLUCOSE :- 167.9 mg /dl (EAG CALCULATED)

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JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE

Srl No :- 02
Age :-30 Sex :- M

LIPID PROFILE

Test Name	Value	Unit	Reference Value
SERUM CHOLESTEROL	131	mg/dl	125-200
SERUM TRIGLYCERIDES	112	mg/dl	40-200
HDL CHOLESTEROL	40.0	mg/dl	30-65
VLDL	34.6	mg/dl	0.00-40
LDL CHOLESTEROL	121.4	mg/dl	50-150
TOTAL CHOLESTEROL/HDL RATIO	4.8		0.00-4.9
LDL/HDL CHOLESTEROL RATIO	3.0		0.00-3.5

Quality controlled report with external quality assurance

COMMENT :
Test results are created by fully/semi automated equipments.
This is only a professional opinion,not the diagnosis.

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Date :- 26/11/2022
Name :- SONU KUMAR SINGH
JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE

Srl No :- 02
Age :- 30 Sex :- M

RENAL PROFILE (KFT)

Test Name	Value	Unit	Reference Value
BLOOD UREA	32.4	mg/dl	20-35
SERUM CREATININE	0.9	mg/dl	0.4-1.4
SERUM URIC ACID	5.2	mg/dl	Male: 3.5 - 7.2 Females 2.5 - 6.2

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Date :- 26/11/2022	Srl No :- 02
Name :- SONU KUMAR SINGH	Age :-30 Sex :-M
JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE	

IMMUNOLOGY - SEROLOGY

RHEUMATOID FACTOR - NEGATIVE 144 IU/mL

INTERPRETATION :-

<25 IU/ml	-	NEGATIVE
25-50 IU/ml	-	SLIGHTLY ELEVATED
50-100 IU/ml	-	ELEVATED
>100 IU/ml	-	VERY HIGH

Rheumatoid factor is more frequently present in chronic active phases of the disease than in the early or in the sub clinical chronic phases. It has occasionally been found positive in cases of hepatitis, sarcoidosis, cirrhosis of liver, syphilis, SLE, scleroderma, Sjogren's syndrome active viral infections. The DIAGNOSIS & CARE of rheumatoid arthritis should be based on a correlation of test result with other clinical findings.

Conditions of reporting :- The reported result is for information and interpretation by referring doctor only. Individual tests are never conclusive and should be interpreted along with other relevant investigations and clinical background. Results of tests may vary from laboratory to laboratory depending on technology used.

CHECKED BY DR. SATYA NARAYAN
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36/11/24

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Date :- 26/11/2022 Ser No :- 02
Name :- SONU KUMAR SINCH Age :- 20 Sex :- M
JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE

HAEMATOLOGY

Test Name	Value	Unit	Reference Value
ABO	AB		
Rh	POSITIVE		

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BIOCHEMISTRY

Test Name	Value	Unit	Reference Value
BLOOD GLUCOSE (FASTING)	98	mg/dl	70 - 110
BLOOD GLUCOSE (PP) (2 hr. after. meal)	120	mg/dl	110 - 150

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Srl No :- 02

Age :-30 Sex :- M

HAEMATOLOGY

COMPLETE BLOOD COUNT WITH ESR (CBC)

INVESTIGATION REQUESTED	FINDING	UNITS	NORMAL RANGE
HAEMOGLOBIN (Hb) (Haemolysis may give altered result)	12.9	gm/dl	12 - 16
TLC (Total Leucocyte Count)	9,900	Cells/Cumm	4000-11000
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	65	%	40 - 70
LYMPHOCYTES	28	%	20 - 40
EOSINOPHILS	06	%	1 - 6
MONOCYTES	01	%	2 - 10
BASOPHILS	00	%	0 - 1
E.S.R Westergren Method	20	mm/1 st hr	0.00-20
RBC (Red Blood Cell Count)	4.8	Millions/cmm	3.5 - 5.5
PCV	38.6	/	36 - 44
M C V (Mean Corp Volume)	85.1	fL	80.0 - 99.9
M C H (Mean Corp Hb Conc)	35.0	g/DL	33.0 - 37.0
M C H C Mean Corp Hb Conc	33.7	g/DL	33.0 - 37.0
PLATELET COUNT	2.40	Lakhs/c.mm	1.5 - 4.5

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