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AAROGYAM DIAGNOSTICS

(A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna – 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date 16/06/2022	Srl No. 12	Patient Id 2206160012
Name Mrs. NISHU DHANUKA	Age 24 Yrs.	Sex F
Ref. By Dr.BOB		

Test Name	Value	Unit	Normal Value
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HAEMATOLOGY

HB A1C	5.0	%	
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EXPECTED VALUES :-

Metabolically healthy patients	=	4.8 - 5.5 % HbA1C
Good Control	=	5.5 - 6.8 % HbA1C
Fair Control	=	6.8-8.2 % HbA1C
Poor Control	=	>8.2 % HbA1C

REMARKS:-

In vitro quantitative determination of **HbA1C** in whole blood is utilized in long term monitoring of glycemia

The **HbA1C** level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of **HbA1C** be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy.

Results of **HbA1C** should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



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Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	11.0	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	32	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN`s METHOD)	11	mm/1st hr.	0 - 20
R B C COUNT	4.06	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	30.9	%	35 - 45
M C V	76.11	fl.	80 - 100
M C H	27.09	Picogram	27.0 - 31.0
M C H C	35.6	gm/dl	33 - 37
PLATELET COUNT	2.72	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		

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BIOCHEMISTRY

SERUM CREATININE	0.81	mg%	0.5 - 1.3
BLOOD UREA	28.7	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.1	mg%	2.5 - 6.0
<u>LIVER FUNCTION TEST (LFT)</u>			
BILIRUBIN TOTAL	0.55	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.16	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.39	mg/dl	0.00 - 0.70
TOTAL PROTEIN	5.14	gm/dl	6.6 - 8.3
ALBUMIN	3.6	gm/dl	3.4 - 5.2
GLOBULIN	1.54	gm/dl	2.3 - 3.5
A/G RATIO	2.338		
SGOT	32.6	IU/L	5 - 35
SGPT	36.9	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	92.8	U/L	35.0 - 104.0
GAMMA GT	26.1	IU/L	6.0 - 42.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	89.4	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	176.2	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	44.8	mg/dL	35.1 - 88.0



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Date	16/06/2022	Srl No.	12	Patient Id	2206160012
Name	Mrs. NISHU DHANUKA	Age	24 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
V L D L	17.88	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	113.52	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.933		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.534		0.00 - 3.55
THYROID PROFILE			
T3	0.96	ng/ml	0.60 - 1.81
T4 Chemiluminescence	8.49	ug/dl	4.5 - 10.9
TSH Chemiluminescence	1.78	uIU/ml	

REFERENCE RANGE

PAEDIATRIC AGE GROUP

0-3 DAYS	1-20	ulu/ ml
3-30 DAYS	0.5 - 6.5	ulu/ml
1 MONTH -5 MONTHS	0.5 - 6.0	ulu/ml
6 MONTHS- 18 YEARS	0.5 - 4.5	ulu/ml

ADULTS 0.39 - 6.16 ulu/ml

Note: TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm to 6 am. Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates $\pm 50\%$, hence time of the day has influence on the measured serum TSH concentration.

Assay performed on enhanced chemi lumenescence system (Centaur-Siemens)



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Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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Serum T3,T4 & TSH measurements form the three components of Thyroid screening panel, useful in diagnosing various disorders of Thyroid gland function.

1. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH level.
2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 levels along with depressed TSH values.
3. Normal T4 levels are accompanied by increased T3 in patients with T3 thyrotoxicosis.
4. Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol and propyl thiouracil.
5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, and may be seen in secondary thyrotoxicosis.

URINE EXAMINATION TEST

PHYSICAL EXAMINATION

QUANTITY	15	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.025	
PH	6.0	

CHEMICAL EXAMINATION

ALBUMIN	NIL
SUGAR	NIL



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Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		
BLOOD SUGAR FASTING	80.2	mg/dl	70 - 110

**** End Of Report ****

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Name :- Ms. Nishu Dhanuka
Refd by :- BoB

Age/Sex:- 24Yrs/F
Date :-16/06/2022

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mildly enlarged in size (14.4cm)with slightly echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- It is normal in shape, size & position. It is echofree & shows no evidence of calculus, mass or sludge.
- CBD** :- It is normal in calibre & is echofree.
- Pancreas** :- Normal in shape, size & echotexture. No evidence of parenchymal / ductal calcification is seen. No definite peripancreatic collection is seen.
- Spleen** :- Normal in size (9.5cm)with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Both kidneys are normal in shape, size & position. Sinus as well as cortical echoes are normal. No evidence of calculus, space occupying lesion or hydronephrosis is seen.
Right Kidney measures 8.6cm and Left Kidney measures 8.5cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (7.5cm x 3.0cm) and anteverted in position with normal myometrial echotexture and endometrial thickness. ET 5.3mm
- Ovaries** :- Both Ovaries are normal in size, shape and position, No any mass/cyst seen. No any Follicular cyst seen in each Ovary during scan time. No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen. No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatomegaly with mild fatty Liver.
Otherwise norma scan.*

Dr. U. Kumar
MBBS, MD(Radio-Diagnosis)
Consultant Radiologist