



ISO 9001 : 2015  
**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	21/08/2021	Srl No.	26	Patient Id	2108210026
Name	Mrs. MONIKA KUMARI	Age	29 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.1	%	
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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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<b>Name</b>	<b>Mrs. MONIKA KUMARI</b>	<b>Age 29 Yrs.</b>	<b>Sex F</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	<b>10.0</b>	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	5,200	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	14	mm/1st hr.	0 - 20
R B C COUNT	<b>3.6</b>	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	<b>30</b>	%	35 - 45
M C V	83.33	fl.	80 - 100
M C H	27.78	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	3.02	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

\*\*\*\* End Of Report \*\*\*\*

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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
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**BIOCHEMISTRY**

BLOOD SUGAR FASTING	87.3	mg/dl	70 - 110
SERUM CREATININE	0.56	mg%	0.5 - 1.3
BLOOD UREA	19.8	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.9	mg%	2.5 - 6.0

**LIVER FUNCTION TEST (LFT)**

BILIRUBIN TOTAL	0.63	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.20	mg/dl	0.00 - 0.25
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.3	gm/dl	6.6 - 8.3
ALBUMIN	3.8	gm/dl	3.4 - 4.8
GLOBULIN	3.5	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.086</b>		
SGOT	21.4	IU/L	5 - 35
SGPT	23.9	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	89.7	U/L	35.0 - 104.0
GAMMA GT	25.1	IU/L	6.0 - 42.0

**LFT INTERPRET****LIPID PROFILE**

TRIGLYCERIDES	98.6	mg/dL	40.0 - 165.0
TOTAL CHOLESTEROL	179.0	mg/dL	123.0 - 199.0



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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
H D L CHOLESTEROL DIRECT	42.5	mg/dL	40.0 - 79.4
V L D L	19.72	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	116.78	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	4.212		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.748		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	1.23	ng/ml	0.60 - 1.81
T4 Chemiluminescence	10.2	ug/dl	4.5 - 10.9
TSH Chemiluminescence	2.76	uIU/ml	
<b>REFERENCE RANGE</b>			
<b>PAEDIATRIC AGE GROUP</b>			
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	
<b>ADULTS</b>	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.



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Test Name	Value	Unit	Normal Value
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Assay performed on enhanced chemi lumenescence system ( Centaur-Siemens)

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	1.015	
PH	6.0	

#### CHEMICAL EXAMINATION

ALBUMIN	NIL
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Test Name	Value	Unit	Normal Value
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

\*\*\*\* End Of Report \*\*\*\*

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# SUBHAM IMAGING & A.L.C. DIAGNOSTICS CENTRE

H.O. : Ajay Market, Dena Bank Building, East Ashok Nagar, Kankarbagh, Patna - 20

B.O. : Khanpura Road (Below Gyan Sharowar School), Paliganj, Patna.

e-mail : shubham.pat.usg@gmail.com # website : www.alchealthcheckup.in

OPINION MUST BE CORRELATES WITH CLINICAL & OTHER INVESTIGATION FOR DIAGNOSIS NOT FOR MEDICO LEGAL PURPOSE

Pt. Name :- **MONIKA KUMARI**

Date:- **22-Aug-21**

Ref. By :- **DR MEENA SAWANT MD DNB**

Age / Sex - **29 Yrs. F.**

## REAL TIME U.S.G. OF WHOLE ABDOMEN + F W B

Thanks for your kind referral

(Report)

**LIVER** :- Measures 14.5 cm. mild enlarged in shape, size and echo texture. I.H.B.R. are not dilated. Hepatic veins are normal. No SOL seen.

**G.BL.** :- Lumen is echo free. Wall thickness appears normal.

**C.B.D.** :- Measures 3.5 mm in diameter with echo free lumen. No calculi or mass seen.

**P.V.** :- Measures 7.4 mm in diameter. Appears normal. No thrombus seen.

**PANCREAS** :- Normal in shape, size and echo texture. No calcification mass seen.

**SPLEEN** :- Measures 11.62 cm. Is normal in shape, size and echo texture. No SOL seen.

**KIDNEY** :- Both kidney shows normal shape, size & position. C.M.D.intact.

P.C.S.is not dilated. No calculi, cyst or hydronephrosis seen

**Right Kidney** :- Measures 10.4 X 4.5 cm.

**Left Kidney** :- Measures 10.8 X 4.7 cm.

**URETER** :- Not dilated. No apparent calculi seen.

**U.BLADDER** :- Shows normal in outline with echo free lumen. No calculi or mass seen.

**Pre void** - 370 ml. **Post void** - is in significant.

**UTERUS** :- Gravid uterus with single live intrauterine fetus about 19 weeks 4 days.

Presentation and lie variable and placenta fundo Posterior G-0 with Adequate liquor

**FHR-147 b/m EDD- 12/01/2022 f. wt ; - 313 grams**

### FOETAL BIOMETRIC PROFILE

BPD	4.00 CM	CORRESPONDING TO	20 WKS.	5 DAYS.
HC	16.15 CM	CORRESPONDING TO	19 WKS.	2 DAYS.
AC	14.45 CM	CORRESPONDING TO	20 WKS.	6 DAYS.
FL	3.25 CM	CORRESPONDING TO	19 WKS.	0 DAYS.

## IMPRESSION

- **Mild Hepatomegaly**
- **Single Live Intrauterine Fetus About 19 Weeks 4Days Presentation Lie Variable With Fundo Posterior G-0 Placenta And Adequate Liquor. Otherwise sonographically normal scan.**

22/8/21

ESTB BY:-

**Dr. P. K. Tiwari**

MD, BRIT (Radio Imaging)

Consultant Imaginationologist & Sonologist

A.L.C. Diagnostics & Research Centre, Patna

**Dr. S. Kumar**

MD. (Pat)

Consultant Pathologist

Consultant Radiologist

**Dr. A. K. Singh**

MBBS, PGDMCH

Consultant Radiologist & Sonologist

PRINTING MISTAKE SHOULD BE REPORTED BACK IMMEDIATELY/ यहाँ जन्म से पहले भ्रुण का लिंग जाँच नहीं होता है ।

ID: 44

21-08-2021 11:52:21 AM

BPL

Diagnosis Information:

Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

HR : 86 bpm  
 P : 95 ms  
 PR : 149 ms  
 QRS : 81 ms  
 QT/QTc : 365/438 ms  
 P/QRS/T : 54/72/42 p  
 RV5/SV1 : 1.498/0.519 mV

Report Confirmed by:

