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Optima Diagnostic, Opp. Ghungoor Police Outpost, Silchar-  
788014, - 788014  
Contact No. -9435018317



NATIONAL REFERENCE LAB  
PATHKIND DIAGNOSTICS PVT. LTD.  
Plot No. 55 - 56, Udyog Vihar, Phase 4, Gurugram - 122015  
E-Mail: care@pathkindlabs.com | Website: www.pathkindlabs.com  
Customer Care: 75000 75111

Processed By  
Gurugram, Plot No. 55-56, Udyog Vihar Ph-IV, - 122015  
Contact No. -7500075111

**Name** : Mrs. SANTANA DEVI BISWAS  
**Age/Gender** : 33 Yrs/Female  
**P. ID No.** : 280220231209341  
**Accession No** : 2802202312090001  
**Referring Doctor** : DR. A. B. FUZAYEL AHMED  
**Referred By** :

**Billing Date** : 09/12/2023 08:17:15 AM  
**Sample Collected on** : 09/12/2023 08:15:23 AM  
**Sample Received on** : 11/12/2023 08:51:24 AM  
**Report Released on** : 11/12/2023 08:28:44 PM

Test Name	Report Status -Final		
	Result	Biological Ref. Interval	Unit

### BIOCHEMISTRY

#### Quadruple Marker

Sample : Serum

#### **Weight**

Method : Manual

42.00

---

#### **H/O Smoking**

Method : Manual

No

---

#### **H/O Diabetes**

Method : Manual

No

---

#### **H/O IVF**

Method : Manual

No

---

#### **Ethnic Origin**

Method : Manual

Asian

---

#### **Maternal Age at Delivery**

Method : Manual

36.20

Years

#### **Date of Ultrasound**

Method : Manual

08.12.2023

#### **Method of GA Estimation**

Method : Manual

BPD

---

#### **Sonologist**

Method : Manual

DR SIVA DUTTA

#### **Foetus (No's)**

Method : Manual

1.00

NOS

#### **GA on the Day of Ser**

Method : Manual

19 WEEKS + 2 DAYS

#### **BPD Value (Foetus 1)**

Method : Ultrasound

44.10

mm



2802202312090001

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	Result	Biological Ref. Interval	
<b>AFP</b> Method : CLIA	90.80		ng/mL
<b>HCG Marker</b> Method : CLIA	20985.00	-	mIU/mL
<b>Estriol Unconjugated</b> Method : CLIA	1.64		ng/mL
<b>Inhibin A</b> Method : CLIA	193.80		pg/mL
<b>AFP MOM</b> Method : Calculated	1.17	-	---
<b>HCG MOM</b> Method : Calculated	0.82	-	---
<b>uE3 MOM</b> Method : CLIA	0.97		---
<b>Inhibin A MOM</b> Method : CLIA	1.02		---
<b>Trisomy 21 Risk (Foetus 1)</b> Method : Calculated	The calculated risk for Trisomy21 is below cut off which represents a low risk. 1:3215		
<b>Trisomy 18 Risk (Fetus 1)</b> Method : Calculated	The calculated risk for Trisomy18 is below cut off which represents a low risk. <1:10000		
<b>Risk for Open Neural Tube Defect</b> Method : CLIA	1.17	The corrected MoM AFP (1.17) is located in the low risk area for neural tube defects.	



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Report Status -Final			
Test Name	Result	Biological Ref. Interval	Unit

Comment

\*\* End of Report \*\*

**Authenticated By**



Dr. Walia Murshida Huda  
MBBS MD



2802202312090001

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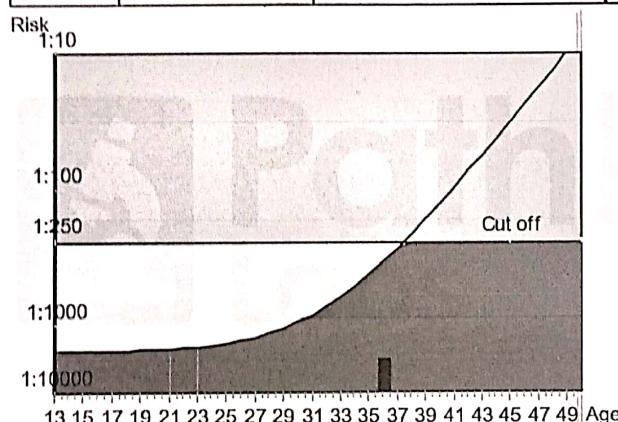
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Result Down's syndrome screening					
Name SANTANA DEVI BISWAS	Sample ID 999864093	D.O.B. 01/03/88	999864093	diabetes Fetuses	no 1
Patient ID 999864093	Age at delivery 36.2	Weight [kg] 42 kg		Smoker IVF	no no
Day of serum taking 08/12/23				Ethnic origin	Asian
Date of report: 11/12/23					
Previous trisomy 21 pregnancies	unknown				

Corrected MoM's and calculated risks					
AFP	90.8	IU/ml	1.17	Corr. MoM	Gestational age at sample date
uE3	1.64	ng/ml	0.97	Corr. MoM	determination method
HCG	20985	IU/ml	0.82	Corr. MoM	Physician
Inh-A	193.8	pg/mL	1.02	Corr. MoM	



Tr.21 risk

at term

1:3215

Age risk

at term

1:331

#### Down's Syndrome Risk

The calculated risk for Trisomy 21 is below the cut off which represents a low risk.

After the result of the Trisomy 21 test it is expected that among 3215 women with the same data, there is one woman with a trisomy 21 pregnancy and 3214 women with not affected pregnancies.

The calculated risk by PRISCA depends on the accuracy of the information provided by the referring physician. Please note that risk calculations are statistical approaches and have no diagnostic value!

Neural tube defects risk	Risk for trisomy 18
The corrected MoM AFP (1.17) is located in the <u>low</u> risk area for neural tube defects.	The calculated risk for trisomy 18 is <u>&lt; 1:10000</u> , which indicates a low risk.

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 Below Cut Off, but above Page No. of 4     
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 Prisca 5.2.0.13

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# LABORATORY REPORT



# R. E. HOSPITAL

Opp. Ghungoor Police Out Post, Silchar - 14, Phone No. : 03842-224657/8638449307/8812907501

Patient Name: - SANTONA DEVI BISWAS	Age : 33 Yrs	Sex: - FEMALE
Drawn: - 20.11.2023	Received: - 20.11.2023	Reported: - 22.11.2023
Referred by: - Dr. F AHMED , MD	SI No: - 8535	Patient Id: - OPD

## (DIAGNOSTIC DIVISION (MICRO BIOLOGY))

Test Report Status: - Final

### Urine Culture & Sensitivity

CULTURE RESULT: NEGATIVE

ORGANISM : STERILE AFTER 48 HOURS AEROBIC INCUBATION AT 37°C.

REMARKS : ANTIBIOTIC SENSITIVITY TEST CANCELLED AS CULTURE WAS NEGATIVE.

Lab Technician / Technologist

  
Dr. N Choudhury MD  
(Microbiologist)

N.B: Sample is cultured aerobically. Conventional method is used. Results need to be co-related with clinical findings for a final diagnosis.

\*\* END OF REPORT \*\*



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# LABORATORY REPORT

## R. E. HOSPITAL



Opp. Ghungoor Police Out Post, Silchar - 14, Phone No. : 03842-224657/8638449307/8812907501

SI No.:- 8535

Date:- 20.11.2023

Patient Name:- SANTONA DEVI BISWAS

Age:- 33 Yrs

Sex:- FEMALE

Referred By:- Dr. A B FUZAYEL AHMED, MD

Patient Id:- OPD

Test Report Status Final	Results	Reference Range	Units
--------------------------	---------	-----------------	-------

### SEROLOGY & IMMUNO-HAEMATOLOGY

• Hemoglobin	:- 11.6	11.0 – 15.0	gm/dl %
• ABO Grouping	:- "O"		
• Rho D	:- Positive (+ve)		
• HIV I & II (Screening)	:- Non-Reactive (-ve)		
• HbsAg (Screening)	:- Non-Reactive (-ve)		
• V.D.R.L (Screening)	:- Non-Reactive (-ve)		
• Anti HCV (Screening)	:- Non-Reactive (-ve)		

Dr. R Bhowal MD  
Biochemist

Note: - For any discrepancy in reports due to printing mistakes, kindly get corrected immediately.

NB: Not for Medico Legal Purpose. All Investigations have their limitations which are imposed by the limits of sensitivity and specificity of individual assay procedures as well as the quality of the specimen received by the laboratory. Results need to be co-related with clinical findings for a final diagnosis.

\*\* END OF REPORT \*\*



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# LABORATORY REPORT



# R. E. HOSPITAL

Opp. Ghungoor Police Out Post, Silchar - 14, Phone No. : 03842-224657/8638449307/8812907501

Sl No :- 8535

Date:- 20.11.2023

Patient Name:- SANTONA DEVI BISWAS

Age:- 33 Yrs

Sex:- FEMALE

Referred By: - Dr. A B FUZAYEL AHMED, MD

Patient Id:- OPD

Test Report Status	Final	Results	Reference Range	Units
--------------------	-------	---------	-----------------	-------

## Bio-CHEMISTRY

• Glucose Random, Plasma 90.0 70 – 140 mg/dL

### THYROID PANEL II, SERUM

Free Triiodothyronine (FT3) 3.48 2.0 – 4.2 pg/mL

Free Thyroxine (FT4) 10.6 8.9 – 17.2 pg/mL

TSH 3rd Generation 2.11 0.3 – 4.5  $\mu$ IU/mL

Dr. R Bhowal, MD  
Biochemist

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SI No :- 8535

Date:- 20.11.2023

Patient Name:- SANTONA DEVI BISWAS

Age:- 33 Yrs

Sex:- FEMALE

Referred By: - Dr. A B FUZAYEL AHMED, MD

Patient Id:- OPD

Test Report Status Final	Results	Reference Range Units
--------------------------	---------	-----------------------

### BIO-CHEMISTRY

#### LFT (Liver Function Test)

• Total Serum Protein	6.3	6.4 – 8.3	mg/dl
• Serum Albumin	3.8	3.5 – 5.2	mg/dl
• Globulin	2.5	2.0 – 3.5	mg/dl
• A/G Ratio	1.52	0.8 – 2.0	
• Total Serum Bilirubin	0.4	Up To 1.2	mg/dl
• Direct	0.2	Up to 0.3	
• Indirect	0.2	Up to 0.9	
• SGOT/AST	22.0	Up to 31	U/L
• SGPT/ALT	18.0	Up to 34	U/L
• Serum Alkaline Phosphatase	69.6	42 – 98	U/L

Dr. R Bhowal, MD  
Biochemist

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SI No :- 8535

Date:- 20.11.2023

Patient Name:- SANTONA DEVI BISWAS

Age:- 33 Yrs

Sex:- FEMALE

Referred By: - Dr. A B FUZAYEL AHMED, MD

Patient Id:- OPD

Test Report Status	Final	Results	Reference Range	Units
--------------------	-------	---------	-----------------	-------

## BIO-CHEMISTRY

### KFT (Kidney Function Test)

• Serum Urea	12.5	13 – 43	mg/dl
• Serum Creatinine	0.50	0.5 to 1.1	mg/dl
• Serum Sodium (Na <sup>+</sup> )	139.0	135 – 146	mmol/l
• Serum Potassium (K <sup>+</sup> )	3.2	3.5 – 5.1	mmol/l
• Serum Chloride	105.0	98 – 107	mmol/l
• Serum Uric Acid	2.5	2.5 – 6.0	mg/dl



Dr. R Bhowal, MD  
Biochemist

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SI No :- 8535

Date:- 20.11.2023

Patient Name:- SANTONA DEVI BISWAS

Age:- 33 Yrs

Sex:- FEMALE

Referred By: - Dr. A B FUZAYEL AHMED, MD

Patient Id:- OPD

Test Report Status Final

Results

## URINE ROUTINE EXAMINATION REPORT

### PHYSICAL FINDINGS:-

Color ----- Straw  
Deposit ----- Absent  
Appearance ----- Clear  
Specific Gravity ----- 1.025  
Ph ----- 6.5

### CHEMICAL EXAMINATION:-

Sugar----- Not Detected  
Protein ----- Not Detected  
Ketone bodies----- Not Detected  
Blood/Hb/Myoglobin----- Not Detected  
Bilirubin----- Not Detected

### MICROSCOPIC EXAMINATION:-

Pus cell ----- 0 – 1 /HPF  
RBC ----- Nil  
Epithelial cell ----- 1 – 2 /HPF  
Granular Cast ----- Nil  
Hyaline Cast ----- Nil  
Crystal (Calcium Oxalate) ----- Nil  
Amorphous Deposit ----- Nil

Dr. Sourav Nath, MD  
Pathologist

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\*\* END OF REPORT \*\*



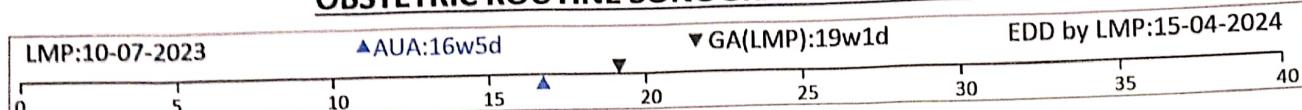
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PATIENT NAME: SANTANA DEVI BISWAS  
REF PHY: DR.A.B.FUZAYEL AHMED, MD

DATE: 21/11/2023

AGE/SEX: 33 Years / FEMALE

## OBSTETRIC ROUTINE SONOGRAPHY REPORT



Dating	LMP	GA		EDD
		Weeks	Days	
By LMP	LMP: 10/07/2023	19	1	15/04/2024
By USG		16	5	02/05/2024

AGREED DATING IS (BASED ON LMP)

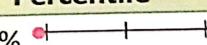
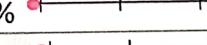
There is a single gestation sac in uterus with a single fetus within variable in position.

The fetal cardiac activities and body movements are well seen.

Placenta: Fundo body posterior, grade I maturity, away from os.

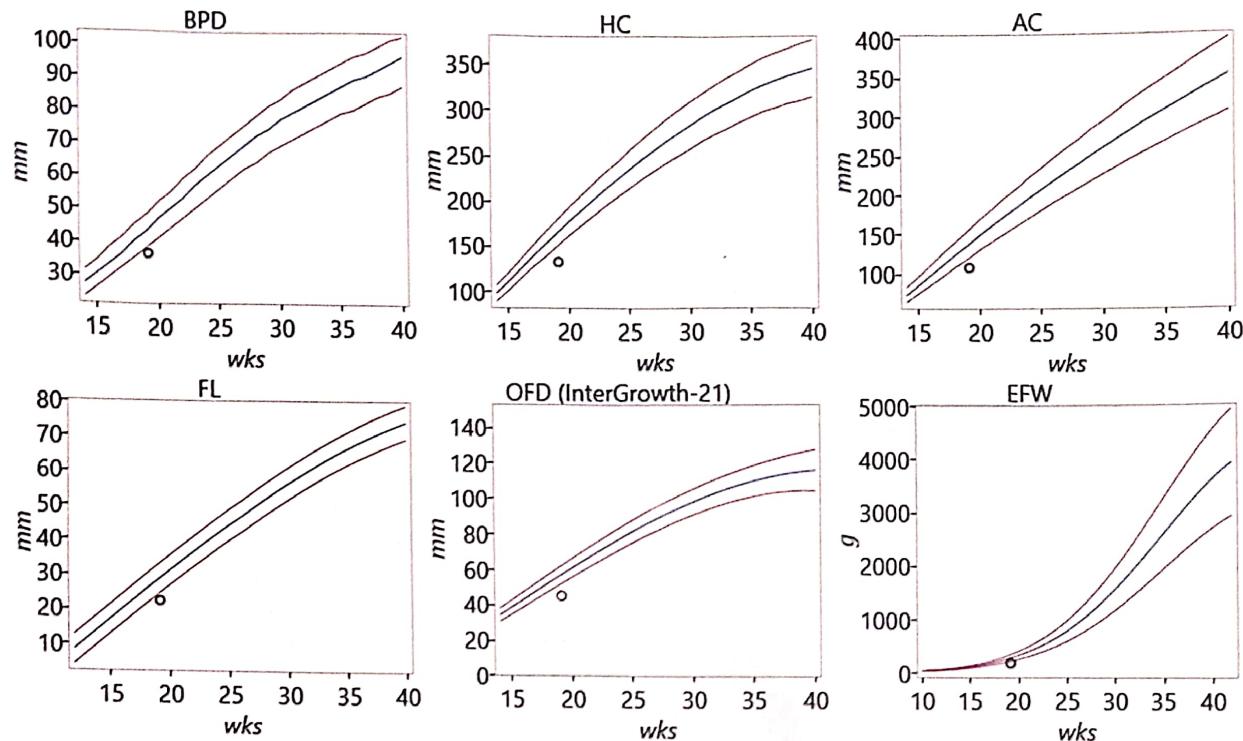
**Amniotic Fluid:** Liquor volume is adequate.

Internal os is closed and length of cervix (3.1 cm) is normal.

Fetal Growth Parameters	mm	weeks	days	Percentile
Biparietal Diameter	35.8	17	0	0.55% 
OFD	45			0.02% 
Head Circumference	131.5	16	5	0.10% 
Abdominal Circumference	107.9	16	5	1.1% 
Femoral Length	21.6	16	4	0.21% 
Fetal Weight	163 Grams ± 24 Grams.			0.10% 
Heart Rate	151 Beats Per Minute.			
FL/AC = 20.04				HC/AC = 1.22
FL/BPD = 60.46				BPD/OFD = 79.56

**CORD:** Three vessel cord is noted.

No Evidence Of Nuchal Cord.



**CONCLUSION: SINGLE LIVE INTRAUTERINE FETUS OF 16 WEEKS 5 DAYS IS PRESENT.**

Dr. Siva Dutta , MD,  
Consultant Radiologist  
Trained in Fetal Medicine



# R. E. HOSPITAL

Opp. Ghungoor Police Out Post, Silchar - 14, Call us at : 03842-224657

**Dr. A.B. Fuxayel Ahmed**

MBBS, M.D. (O&G), DIALOG (RCOG), FIAOG  
 Assistant Professor  
 Life Member of IAGE, ISAR & IMA  
 HYSTERO-LAPAROSCOPIST  
 DIPLOMA IN ENDOSCOPY (GERMANY)  
 TRAINED IN HYSTEROSCOPY (MUMBAI)  
 Regd. No. 17639

12/11/23  
 Sun 10 AM  
 10 AM  
 10 AM  
 10 AM  
 10 AM

Santana Daro Bawas Date : 11/11/23

P.10  
 POCOY  
 LMP  
 10/11/23

RX

33 Y  
 Urine for HCG  
 Positive  
 11/11/23

Ex Proct & Pelvic findings

40  
 POSR es

**Advice :**

ABO, RH  
 HB%, RBS  
 VDRL, HBsAg  
 ANTI HCV  
 ARVANTIBODY I & II  
 FT3, FT4, TSH  
 URE & C/S  
 LFT  
 KFT, Creatinine  
 ECG, X-Ray Chest (P/A)

USG

W/A -

Pelvis -

(Ground)  
 drawing

To Damygen — (60) 1  
 7 00 at bed time  
 → re chg do — (30) "  
 — in my BBF  
 → 2 Paracet 10 — (30) "  
 — after 6rd  
 → 3 Aspirin 600 — (30) "  
 — at bed time

As to yr & all reasonts  
 present absent time

→ Anomaly Sem-Orch  
 → Quadrangle marker (15 ml/100g)

98

98

NY1PO (18, 18, 21)

9