



All India Institute Of Medical Sciences Patna
अखिल भारतीय आयुर्विज्ञान संस्थान, पटना
Phulwarisharif, Patna-801507, Bihar, INDIA
Phone: 06122451070

Department of Biochemistry

Biochemistry

ABHA NO : 91-2404-5772-2579 ABHA ADDRESS : 91240457722579@abdm
CR No : 109112500922900 Lab/Study No. : 250524C0996 Coll./Study Date : 24-May-25 12:04
Patient Name : Ragani Kumari Age/Sex : 29 Yr/F Acceptance Date : 31-May-25 12:00
Sample Type/No : Serum-Y/250524C0996 Ward/OPD : OPD Reporting Date : 13-Jun-25 09:41
Dept/Unit : Obstetrics And Gynaecology/Unit li

Investigation	Result	Unit	Ref. Range
AFP	62.83		-
BhCG	43755		-
Unconjugated Estriol (u E3)	2.64		-
Inhibin A	339.2		-

MoM for Biochemical analytes in serum used for risk calculation based on gestational age week wise:

Weeks of Gestation	AFP medians(ng/ml)	HCG medians (IU/ml)	uE3 medians (ng/ml)	Inhibin A medians (pg/ml)
14	33.25	120.71	0.84	281.96
15	36.64	69.52	0.98	241.60
16	40.37	44.35	1.15	215.33
17	44.48	31.33	1.34	199.61
18	49.00	24.51	1.57	192.47
19	53.99	21.24	1.83	193.03
20	59.49	20.38	2.14	201.35
21	65.55	21.66	2.51	218.46

Interpretation:

Second trimester screening for prenatal risk assessment of unborn baby for disorders like trisomy 18, trisomy 21, open neural tube defects is recommended for all pregnant women to identify women at significant risk for the above-mentioned anomalies in the fetus to warrant timely evaluation and follow up. Statistical evaluation has been done using Benetech PRA software. Maternal Screening tests are based on statistical analysis of patient demographic and biochemical data. They simply indicate a low or high risk. Risk calculation based on statistical software has no diagnostic value.

Screening cut offs are established by using MoM values that maximize the detection rate and minimize false positive rates.

Confirmation of screen positives is recommended in Amniotic fluid.

The interpretive unit is MoM (Multiples of median) which considers variables such as gestational age, maternal age, race, weight, diabetes mellitus, multiple gestation, smoking history, drug

All reports need clinical correlation. Kindly discuss if necessary. No part of the report can be reproduced without written permission of the department.

Entered By: Niranjana Validated By: Dr. Priyanshu Tripathi

This is computer generated report. Signature not required



All India Institute of Medical Sciences

QUADRUPLER MARKER

Patient Name: Ragani Kumari Race: ASIAN Physician:		Code: 22900 DOB: 30-12-1992 Reported: 31-05-2025																																				
CLINICAL INFORMATION Estimation Method: from FL of 39.0 mm on 24-05-2025 Age at Term: 32.7 years EDD: 23-09-2025 Gestation: Singleton Maternal History: IDDM(N), SMOKER(N), RH(Y), VPA(U), SSRI(U), CBZ(U), IVF(N) Gestational Age: 22 weeks 4 days Specimen Code: 24C0996 Specimen Date: 24-05-2025 Received Date: 24-05-2025 Weight: 50.2 kg Screening Status: Initial sample Para / Gravida: 0 / 1		REMARKS Down Syndrome The risk of Down syndrome is LESS than the screening cut-off. No follow-up is indicated regarding this result. NTD The maternal serum AFP result is NOT elevated for a pregnancy of this gestational age. The risk of an open neural tube defect is less than the screening cut-off. Trisomy 18 These serum marker levels are not consistent with the pattern seen in Trisomy 18 pregnancies. Maternal serum screening will detect approximately 60% of Trisomy 18 pregnancies.																																				
BIOCHEMISTRY <table border="1"> <thead> <tr> <th>MARKER</th> <th>RESULT</th> <th>MoM</th> </tr> </thead> <tbody> <tr> <td>AFP</td> <td>62.8 ng/mL</td> <td>0.65</td> </tr> <tr> <td>uE3</td> <td>2.64 ng/mL</td> <td>0.85</td> </tr> <tr> <td>hCG</td> <td>43755.0 mIU/mL</td> <td>1.58</td> </tr> <tr> <td>DIA</td> <td>339.20 pg/ml</td> <td>1.29</td> </tr> </tbody> </table>		MARKER	RESULT	MoM	AFP	62.8 ng/mL	0.65	uE3	2.64 ng/mL	0.85	hCG	43755.0 mIU/mL	1.58	DIA	339.20 pg/ml	1.29	CLINICAL RESULTS (at term) <table border="1"> <thead> <tr> <th></th> <th>DS</th> <th>NTD</th> <th>T18</th> </tr> </thead> <tbody> <tr> <td>1:10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1:100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1:1000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1:10000</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 1:250 1:242 (2.50 MoM) 1:100			DS	NTD	T18	1:10				1:100				1:1000				1:10000			
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INTERPRETATION Down Syndrome: Screen Negative NTD: Screen Negative Trisomy 18: Screen Negative		<table border="1"> <thead> <tr> <th></th> <th>Prior</th> <th>Final Risk</th> <th>Prior</th> <th>Final Risk</th> <th>Prior</th> <th>Final Risk</th> </tr> </thead> <tbody> <tr> <td></td> <td>1:658</td> <td>1:299</td> <td>1:1000</td> <td><1:27300</td> <td>1:6580</td> <td>1:73300</td> </tr> </tbody> </table>			Prior	Final Risk	Prior	Final Risk	Prior	Final Risk		1:658	1:299	1:1000	<1:27300	1:6580	1:73300																					
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 Phulwarisharif, Patna-801507, Bihar, India
 Phone :06122451070, Email :admin@aiimspatna.org

BILLING SERVICES RECEIPT

CR No. : 109112500922900
 NAME : RAGANI KUMARI
 CATEGORY : GENERAL

DATE/TIME : 24/05/2025 11:35:02
 AGE/SEX : 29 YR/FEMALE
 ORG. : ---

BILL No. : 109112250232382/1
 DEPARTMENT: OBSTETRICS AND GYN ~
 SERVICE : OPD NORMAL

S.No.	PROCEDURE/INV./SERVICE NAME	LOCATION	RATE(Rs.)	QTY.	DISC.(Rs.)	AMOUNT(Rs)
1	QUADRUPLE MARKER-(BQM)	---	1980.00	1 No.	0.00	1980.00
TOTAL AMOUNT						1980.00

BILLED AMT 1980.00
 EXEMPTION/CONCESSION AMT 0.0
 COLLECTED AMT 1980.00

RUPEES (IN WORD) : ONE THOUSAND NINE HUNDRED EIGHTY RUPEES ONLY
 NOTE : AMOUNT, PATIENT SHARE AND CREDIT SHARE ARE IN RS.
 MODE OF PAYMENT: Cash
 PAYMENT DETAILS:

ANKIT KUMAR (NA)
 AUTHORISED SIGNATORY

*This test can be done cypto 2week
 6 days. This plz take the sample*

11-2-2025

Dr. Rajeev (P.K.)
B. Choudhary

109112500922900
 Ragani Kumari
 F/29
 No Container
 010000

No Container
 No Container

1/1 443



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Phone: 06122451070
Department of Microbiology



MC-6753

Microbiology Nabl Laboratory

ABHA NO	: 91-2404-5772-2579	ABHA ADDRESS	: 91240457722579@abdm	
CR No	: 109112500922900	Lab/Study No.	: U 13688	Acceptance Date : 16-May-2025 11:37
Patient Name	: Ragani Kumari	Age/Sex	: 29 Yr /F	Coll./Study Date : 16-May-2025 08:25
Sample Type/No	: Urine/250516N0035	Ward/OPD	: OPD	Reporting Date : 17-May-2025 12:55
Dept/Unit	: Obstetrics And Gynaecology/Unit li			

Test on

Culture

Comment

Urine

Culture Is Sterile After 24 Hours Of Aerobic Incubation

Comments:

***** END OF THE REPORT *****



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Phone: 06122451070
Department of Biochemistry

Biochemistry

ABHA NO	: 91-2404-5772-2579	ABHA ADDRESS	: 91240457722579@abdm	Acceptance Date	: 16-May-2025 11:17
CR No	: 109112500922900	Lab/Study No.	: 250516C0263	Coil/Study Date	: 16-May-2025 08:25
Patient Name	: Ragani Kumari	Age/Sex	: 29 Yr /F	Reporting Date	: 16-May-2025 13:16
Sample Type/No	: Serum-Y/250516C0263	Ward/OPD	: OPD		
Dept/Unit	: Obstetrics And Gynaecology/Unit II				
Investigation	Result	Unit	Ref. Range		
TSH	1.312	Micro IU/ml	0.35 - 5.5		

Comments:

***** END OF THE REPORT *****



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Department of Biochemistry

Biochemistry

ABHA NO	: 91-2404-5772-2579	ABHA ADDRESS	: 91240457722579@abdm	
CR No	: 109112500922900	Lab/Study No.	: 250516C2H001	Acceptance Date : 16-May-2025 10:09
Patient Name	: Ragani Kumari	Age/Sex	: 29 Yr /F	Coll/Study Date : 16-May-2025 08:25
Sample Type/No	: Plasma-G/250516C2H001	Ward/OPD	: OPD	Reporting Date : 16-May-2025 11:25
Dept/Unit	: Obstetrics And Gynaecology/Unit II			
Investigation	Result	Unit	Ref. Range	
OGTT 2 Hrs.	84.2			

Comments:

***** END OF THE REPORT *****



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Phone: 06122451070
Department of Community And Family Medicine

ABHA NO	: 91-2404-5772-2579	ABHA ADDRESS	: 91240457722579@abdm	
CR No	: 109112500922900	Lab/Study No.	: 250516006	Acceptance Date : 16-May-2025 08:52
Patient Name	: Ragani Kumari	Age/Sex	: 29 Yr /F	Coll/Study Date : 16-May-2025 08:45
Sample Type/No	: Blood/2505160004	Ward/OPD	: OPD	Reporting Date : 16-May-2025 15:46
Dept/Unit	: Obstetrics And Gynaecology/Unit II			

Laboratory Report at HCTS Screening Facilities

National AIDS Control Organization

HIV Counseling and Testing Services (HCTS) Facility
Name of HCTS Facility: CCFM-AIIMS-PATNA

PID Number	24673
Name of HIV Test Kit	Comb AIDS
Batch Number	4000030332
HIV Antibody Test	Non Reactive
Date of follow-up testing (if applicable)	NA

Comments:

***** END OF THE REPORT *****



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Phone: 06122451070
Department of Pathology

ABHA NO	: 91-2404-5772-2579	ABHA ADDRESS	: 91240457722579@abdm	Acceptance Date	: 16-May-2025 11:20
CR No	: 109112500922900	Lab/Study No.	: 2	Coll/Study Date	: 16-May-2025 08:25
Patient Name	: Ragani Kumari	Age/Sex	: 29 Yr/F	Reporting Date	: 16-May-2025 13:09
Sample Type/No	: Blood-P/250516D00115	Ward/OPD	: OPD		
Dept/Unit	: Obstetrics And Gynaecology/Unit II				
Investigation	Result	Unit	Ref. Range		

Complete Haemogram

Haemoglobin	10.5	12-15 g/dL
WBC	7.84	4 - 10 Thousand/MicroLtr
Platelet Count	154	150 - 450 Thousand/MicroLtr
RBC Count	3.38	3.8 - 4.8 Million/MicroL
PCV	32.0	36.0 - 46.0 %
MCV	94.7	83 - 101 fL
MCH	31.1	27 - 32 pg
MCHC	32.8	31.5 - 34.5 g/dL
RDW CV	15.1	11.6 - 14 %
Neutrophils	68.9	40 - 80 %
Lymphocytes	26.9	20 - 40 %
Monocytes	3.3	2 - 10 %
Eosinophils	0.8	1 - 6 %
Basophils	0.1	0 - 1 %
Mean Platelet Volume	14.2	9.4 - 12.3 fL
Platlet Distribution Width	23.1	10.0 - 17.9 %
Other		

Blood Group: Blood Group: A
 Rh Type: Rh Type: Negative
 Comments: -Kindly recheck / confirm from the blood bank.
 ***** END OF THE REPORT *****



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Phone: 06122451070
Department of Pathology

ology

ABHA NO : 91-2404-5772-2579 ABHA ADDRESS : 91240457722579@abdm
 CR No : 109112500922900 Lab/Study No. : 2 Acceptance Date : 16-May-2025 11:14
 Patient Name : Ragani Kumari Age/Sex : 29 Yr /F Coll./Study Date : 16-May-2025 08:25
 Sample Type/No : Urine/250516D00116 Ward/OPD : OPD Reporting Date : 16-May-2025 12:42
 Dept/Unit : Obstetrics And Gynaecology/Unit li

Investigation	Result	Unit	Ref. Range
---------------	--------	------	------------

URINE ROUTINE AND MICROSCOPY REPORT

<u>Test Description</u>	<u>Value</u>	<u>Unit(s)</u>	<u>Reference Range</u>
<u>Physical Examination</u>			
Volume	25ml	mL	
Colour	Yellow		
Appearance	Clear		Clear
<u>Chemical Examination</u>			
pH	6.0		4.6-8
Specific Gravity	1.020		1.001-1.035
Glucose	Negative		Negative
Protein/Albumin	Trace		Negative
Ketones	Negative		Negative
Blood	Negative		Negative
Bilirubin	Negative		Negative
Bile Pigments			Negative
Bile Salts			Negative
Nitrite	Negative		Negative
Urobilinogen	0.2 E.U./dL		≤ 2 EU/dL
<u>Microscopic Examination</u>			
Pus Cell WBCs	0-1	/hpf	0-5/hpf
Epithelial Cells	0-1	/hpf	0-4/hpf
Red Blood Cells	0-1	/hpf	Absent
Crystals	Calcium oxalate seen		Absent
Casts	nil		Absent
Yeast	nil		Absent
Amorphous deposits	nil		Absent
Bacteria	nil		Absent
Protozoa	nil		Absent

***** END OF THE REPORT *****



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Phone: 06122451070
Department of Microbiology



MC-0753

Microbiology Nabl Laboratory

ABHA NO : 91-2404-5772-2579 ABHA ADDRESS : 91240457722579@abdm
CR No : 109112500922900 Lab/Study No. : SR 33241 Acceptance Date : 16-May-2025 11:13
Patient Name : Ragani Kumari Age/Sex : 29 Yr /F Coll./Study Date : 16-May-2025 08:25
Sample Type/No : Blood/250516N0034 Ward/OPD : OPD Reporting Date : 16-May-2025 17:09
Dept/Unit : Obstetrics And Gynaecology/Unit li

Hbsag - Anti HCV Antibody

HBS Antigen	Non Reactive	Technique used	CHEMILUMINESCEN CE
Anti HCV	Non Reactive	Technique used	CHEMILUMINESCEN CE
Comment			

Comments:

***** END OF THE REPORT *****

All reports need clinical correlation. Kindly discuss if necessary. No part of the report can be reproduced without written permission of the department.

Validated By: Dr Arti Kumari

This is computer generated report. Signature not required



अखिल भारतीय आयुर्विज्ञान संस्थान पटना

ALL INDIA INSTITUTE OF MEDICAL SCIENCES PATNA



Department of Obstetrics & Gynaecology

❖ Ultrasonography Report (Obstetrics)

Name Ragani Kumari Age 29y Sex F Date 05/05/25
CR No. 10111 2500922900 Appointment date & time.....
Diagnosis.....

Number:-..... Lie:-.....
Fetal Cardiac Activity:- +nt
CRL:-..... Gest. Sac:-.....
BPD:- 44.2mm (19w 2d) FL:- 30.6mm (19w 3d) AC:-..... HC:-.....
EFA:-..... EFW:-.....
Placenta:-.....
Cervix:-.....
Liquor:-..... Adnexa:-.....
Others:-.....

Impression:- SLIUF

Signature:- [Signature]

NOTE: NOT ALL CONGENITAL ANOMALIES CAN BE DETECTED ON ULTRASONOGRAPHY

I declare that while conducting USG on her I neither detected nor disclosed the sex of the fetus to anybody in any manner

Signature:- [Signature]

Form No . Obg / 04

25-12-2018



Scanned with OKEN Scanner



अखिल भारतीय आयुर्विज्ञान संस्थान पटना
ALL INDIA INSTITUTE OF MEDICAL SCIENCES PATNA



DEPARTMENT OF OBS & GYNAECOLOGY

ANTENATAL WORK UP

109/1250092290

Pl.'s Name: Kesari Kumari Age: 29 Sex: F CR No.
Address: Patna 1 Bhu Phone No.: 6201997792
Consultant: Dr. Monica Anant B. Anita Ram Unit: II

Past Medical History: Diabetes/ Hypertension/Asthma/ Heart Disease/Neurological disorder/ Kidney disease/Immunological disease /Thyroid disorder/ Epilepsy/Other (1)

Past Surgical History (1)

Family History (1)

High Risk Factor:

Obstetric History: Duration of Marriage: 1yr Parity: G 1 P + + +

Details of current Pregnancy: TT1: ☐ TT2: ☐

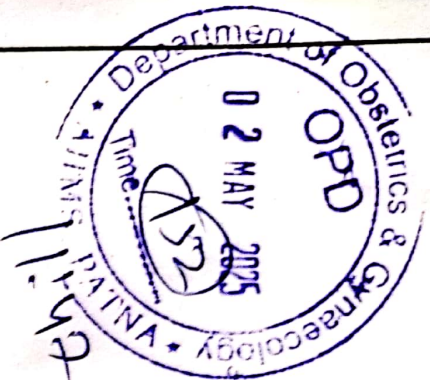
LMP: 16/12/2024 POG at first visit: 19+4 EDD (LMP): 22/9/25 EOD(USG):

Details of previous Pregnancy

SL. No	Gravida	Date and year	Pregnancy events	Labour events	Delivery outcome and hospital	Postpartum and Family planning	Baby out Sex, Wt., A/Scare BF & Immunization
1	G ₁	-	Current Pregnancy				
2							
3							
4							
5							
6							

Form





Tue/Fri
भारतीय चिकित्सा संस्थान
को ही देखा जाएगा

BP - 105/70 mm
P - 123 mm
HR - 49 bpm
HT - 149 cm

29 year old female with Primigravida at 19+4 weeks GA for
Normal ANC checkup.

21.1.2025

S.TSH - 2.930

USG - 17.9.2025

→ SLIUF

→ F+3 weeks

USG - 22/3/2025

→ SLIUF

→ 13+1 wks

→ NT - 0.6 mm

→ NO CA

PA - 18 weeks

EGG

238
→ CBC, Hb, Hct, HbA1c, S.TSH,
OGTT, Blood group, Uterine US,
US

241 → USG - 18 weeks
on 5/5/2025
(Mon)

Placental mass

→ USG - 18 weeks

Placental localization

uterine cavity empty

→ Tachycardia

→ Tachycardia 50 bpm

→ Uterine BVR

Signature

5/5/15

SLIT $\Rightarrow$

HL - 30.6 mm (19w3d)

BD - 44.2 mm (19w2d)

Neurole - abundant

Fer $\oplus$

In colloid

$\downarrow$

No case

Abu

Phospho mater.

Continue down

Usg - down in clear

Fer

5/5/25

GP-108

GP-112



22/5/2024
3pm

Painmigraine at 10y 03+1 week (3/10).
01+1y week (12 scan)

Emp = 16/12/2024

Tues.
9y 17 finger done
taken

ale

11a - 12 y week 8.3e
Relaxed.



24/5/2024 (Anomaly scan)

Sever / ant placenta /
lig adequate /
no 4a.

ale

① Continue 9ab 12m 10mg od
9. calcium 50 mg BD.

Quadruple mark.

② Reverse 4 week in 4 add on
cot in cr.

Pendi

me

- 0477 1789 glucose
- urine 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Friday

7/6/25

Priming at 09:24 + 15 day (B119)

23 + 11 day (Aurea sea)

Leave 12 Sea 11

Ecology focus to 11

14/12/24

A-re

98.4°F

11-12/1/26

11. 108 bpm (manually)
→ 118 bpm

PA - 11 - 24 week 11

Relaxed

P18 : Cx : Os closed

No leader

Vagin - manual

seen
Cystic - Cystic = x cells
discharge ⊕

Less a still

1000 (off) x yesterday

- No bag of
Pail / No water

clbld Dr. Murchie

shl

swell

or - submer

us - submer

14 - 13/1/25

Ang 11 - 12/1/25

Ang 11 - 13/1/25

COO - 27/1/25

No SCA

Ecology focus in 11
moving 1st time to 11

4m
11/1/25

11/1/25
11/1/25

CBC

calcium

- maintain pressure 11/1/25

- 11/1/25

- 11/1/25

- 11/1/25

No H/O palpitation / syncope /
easy fatigability / breathlessness
No urinary complaints

husband blood group - AB +
(validity)

USC with LR → SDP → 1 cm

Ht
/ Sr

Post op observation
(1. hrs op)

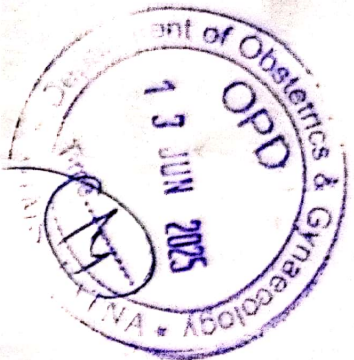
→ Ple: Pad - dry

Ht
/ Sr

Attu

- flu in GORD

- Apply vital pad
↓
release
↓
if no backache
↓
Follow up in GORD



Tue/Fri
अगली बार भर्तिलावार और शुक्रवादि
को ही देखा जाएगा

Remaining raised $\bar{c}$ 85th cent 4A. $\bar{c}$ level II Scan
sp. Echogenic poi in W $\bar{c}$ R+neg preg $\bar{c}$ mild
dynamic $\bar{c}$ Quadra molar sp. Intermediate risk
for Trisomy 21 (inconclusive).

24/1/2025 Quadra molar = Severe Neg for Trisomy 18 & NTD
& Intermediate risk for Down's 3rd.

T₁T₂
DTMC + 1 day

Parina R₁-A neg.
Thromb R₁-AB $\oplus$

Quadra molar
calculated on 5th scan
but 1st scan says
on 24/1/2025

PlA - ut 24 weeks
Relaxed -
FHS + / P/140 bpm.

cpfs. Dr. Navin Nona

- USG - 2D Echo of fetus.
- Risk explained
- Tab Iron $\odot$
- Tab Calcium 500 mg
- High protein diet

Advice
OAT $\checkmark$
V₂ $\checkmark$
CBC $\checkmark$
STSH $\checkmark$ - refer given
ICR $\checkmark$ - refer given
Refer 20/1/25 - from given

→ DfML

→ Wff 130V EUN .

[Signature]
SR

