



Ms. SIKHA MEDHI

GHY Guwahati..

Tel No : +919127064604

PIN No: 781022

PID NO: P36224534801394

Age: 32.7 Year(s) Sex: Female



Reference: DR.JAYDEEP PAL

Sample Collected At:

Primescan Diagnostic

Main Road, Mirza

Processing Location:- Ekopath Metropolis

Lab Services Pvt Ltd, Swogata Envision,

G S Road, Khanapara, Guwahati-781022,

Assam

VID: 240132107431830

Registered On:

29/10/2024 05:10 PM

Collected On:

29/10/2024 5:08PM

Reported On:

30/10/2024 05:12 PM

SUMMARY REPORT

Investigation Outside Reference Range (Abnormal)

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
TSH (Ultrasensitive) ECLIA Serum (Serum,ECLIA)	<u>0.0669</u>	μIU/mL	0.54-5.3 First Trimester : 0.33-4.59 Second Trimester : 0.35-4.10 Third trimester: 0.21-3.15

Dr. Ronica Baruah



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Investigation



TSH (Ultrasensitive) ECLIA Serum
(Serum,ECLIA)

Observed Value

0.0669

Unit

μIU/mL

Biological Reference Interval

0.54-5.3

First Trimester : 0.33-4.59

Second Trimester : 0.35-4.10

Third trimester: 0.21-3.15

Interpretation :

1. TSH results between 4.5 to 15 show considerable physiologic & seasonal variation, suggest clinical correlation or repeat testing with fresh sample .
2. TSH results between 0.1 to 0.45 require correlation with patient age & clinical symptoms. As with increasing age, there are marked changes in thyroid hormone production, metabolism & its actions resulting in an increased prevalence of subclinical thyroid disease.
3. TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart failure,severe burns, trauma and surgery etc .
4. Drugs that decrease TSH values e.g:L-dopa,Glucocorticoid Drugs that increase TSH values e.g Iodine,Lithium,Amiodarone.
5. Reference Range : Kit insert Access 2 TSH 3rd Generation



Tests marked with NABL symbol are accredited by NABL with certificate no MC-2368

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Dr. Indrani Goswami
MD BIOCHEMISTRY



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Maternal screen (Dual marker test)First trimester

Investigation



Free Beta HCG
(ECLIA)

Observed Value

268.00

Unit

IU/L

Comments :Analysis recheck done.



**PAPPa (Pregnancy Associated
Plasma Protein)**
(ECLIA)

0.368

IU/L

Risk factor calculated by

SSDW VERSION 6

Age Risk (Trisomy 21)

1:367

Trisomy 21 (Biochemical + NT risk)

Screen Positive

Trisomy 18 (Biochemical risk)

Screen Positive

Please refer next page for statistical calculation final report and interpretation.

Test Information:

1. Statistical risk factor calculation for Trisomy 21 (Down's syndrome), Trisomy 18 (Edward Syndrome) and Trisomy 13 (Patau Syndrome) has been done using Fetal Medicine Foundation (FMF) approved assays using Roche Cobas 8000
2. The statistical risk evaluation requires Maternal age to be decimalised for months, to be represented as Age at sampling & conversion of maternal hormonal values to mean of medians(MOMs). The MoMs are further calculated using Indian medians, on the report.
3. Statistical evaluation enclosed being more informative, the reference ranges for the biochemical parameters are not quoted
4. All software may not give similar risk factor for the similar data.
5. Combined risk is calculated using biochemical values as well as sonography finding such as NT values, soft markers etc

Disorder	Screen positive Cut off (ACOG 2007)	MOM Cut off (ACOG 2007)	Remarks
Trisomy-21	1:250	Free BHCG: > or = 1.98 PAPPa:< or = 0.43	Confirmatory tests needed under doctor's advise
Trisomy-18 / Trisomy-13	1:100	Free BHCG: < or = 0.5 PAPPa: < or = 0.4	Level-III ultrasound needed for confirmation

1. It is advisable to ask for repeat calculations (not the test), in case history provided is not correct.
2. 1:250 risk factor means : Out of 250 women having similar results and history, 1 may have abnormality
3. For better reliability of results, it is advised to carry out analysis between 11 and 13 weeks.

Limitations: As the test is screening test,confirmatory test like amniocentesis or CVS should be considered based on findings under advise of your gynecologist.

Associated Test: Integrated test; NIPT/S (N0023_NIPS) – Non Invasive prenatal screening test – Genetic screening from Maternal blood for aneuploidies – Trisomy 21, 13, 18

Dr. Ronica Baruah

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MD,DCP



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Metropolis Healthcare Limited



First Trimester Screening results

Patient data

Name and surname:	SIKHA MEDHI	Weight:	57 Kg.
Patient ID:	240132107431830		
Date of birth:	08/03/1992	Race/Ethnicity:	Indian
Estimated Delivery Date	08/05/2025	Age at EDD:	33.2 years
Gestational age calculation:	Biometry (61 mm of CRL)	Insulin dependent diabetes:	No
Pregnancy Type:	Spontaneous	Smoker:	No
Software:	SSDW Version 6		

Biochemical data

Sampling Date:	29/10/2024	Gestational age:	12 weeks and 5 days
Sample ID:	240132107431830		
Free beta hCG:	268 IU/L		7.03 MoM (Truncated at 5 MoMs)
PAPP-A:	0.368 IU/L		0.08 MoM (Truncated at 0.2 MoMs)

Ultrasound data

Ultrasound date:	28/10/2024	Gestational age:	12 weeks and 4 days
CRL:	61 mm		
Nuchal Translucency:	1.4 mm		0.89 MoM

Dichotomous markers

Absent nasal bones=No.

Risk report (At screening date)

Risk type	Probability	Result	Graphic representation
Trisomy 21:	> 1:5	POSITIVE RISK	> 1:5 250
Trisomy 18/13:	1:29	POSITIVE RISK	1:29 100
Trisomy 21 age risk :	1:367		

Observations

ADDITIONAL STUDIES ARE RECOMMENDED.

The risk calculations are statistical approaches and have limited diagnostic value.
The calculated risk by the software depends on the accuracy of USG details and patient details provided

Printing date: 30/10/2024

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-- End of Report --



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