

LABORATORY TEST REPORT

Name	: Mrs. NADIYA SAMREEN		
Sample ID	: A0607976		
Age/Gender	: 32 Years/Female	Reg. No	: 0482501010075
Referred by	: Dr. T.AHMAD	SPP Code	: SPL-BH-110
Referring Customer	: S.M HOSPITAL	Collected On	: 01-Jan-2025 03:28 AM
Primary Sample	: Whole Blood	Received On	: 02-Jan-2025 07:46 AM
Sample Tested In	: Serum	Reported On	: 03-Jan-2025 06:00 PM
Client Address	: OPPO PETROL PUMP, SHANTI KUNJ HARUN NAG	Report Status	: Final Report



CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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Alkaline Phosphatase(ALP) <small>(Method: Kinetic PNPP-AMP)</small>	75	U/L	30-120
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Interpretation :

- Alkaline phosphatase (ALP) is an enzyme found in many body tissues such as liver, bile ducts, bone, and intestine. There are several different forms of ALP called isoenzymes. The structure of the enzyme depends on where in the body it is produced. This test is most often used to test ALP made in the tissues of the liver and bones.
- Higher-than-normal ALP levels:**
 - Biliary obstruction
 - Eating a fatty meal if you have blood type O or B
 - Bone diseases
 - Hepatitis
- Lower-than-normal levels of ALP:**
 - Hypophosphatasia
 - Malnutrition
 - Protein deficiency



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Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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[PDF Attached](#)
Triple Marker

Alpha FetoProtein 29.5 ng/mL Refer to Interpretation

(Method: CLIA)

 Beta- Human Chorionic Gonadotropin Hormone 183840.00 mIU/mL Refer to Interpretation

(Method: CLIA)

Unconjugated Estriol (uE3) 0.99 ng/mL Refer Interpretation

(Method: CLIA)

Risk analysis for Trisomy 21 is 1:197, and is poistive.HCG level is high.

Adv: FISH , NIPT and amniocentesis at 14-16 weeks of gestation.

Interpretaion of Results:

1:250 risk means 1 out of 250 women having similar results and history, one may have abnormality

- Trisomy 21 (Down's syndrome) : Screen Positive/High Risk: <1:250 : Screen Negative/Low Risk:>1:250
- Trisomy 18:(Edward syndrome) : Screen Positive/High Risk: <1:250 : Screen Negative/Low Risk:>1:250
- Neural tube defects: cut-off 2.5 MoM of AFP

MoM (Multiples of Median): is a measure of how far an individual test result deviates from the median (medians are generated from the Indian subpopulation)

WEEKS OF GESTATION	AFP MEDIANS (ng/mL)	HCG MEDIANS (mIU/mL)	ESTRIOL FREE, MEDIANS (ng/mL)
14	27.20	40370	0.37
15	32.01	32200	0.55
16	37.67	25690	0.76
17	44.33	20490	1.00
18	52.16	16340	1.25
19	61.38	13040	1.50
20	72.33	10400	1.76
21	85.00	8295	1.99
22	100.02	6620	2.30

*** End Of Report ***


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PRISCA 5.1.0.17

Licensed for: **Sage Path Labs Pvt Ltd**

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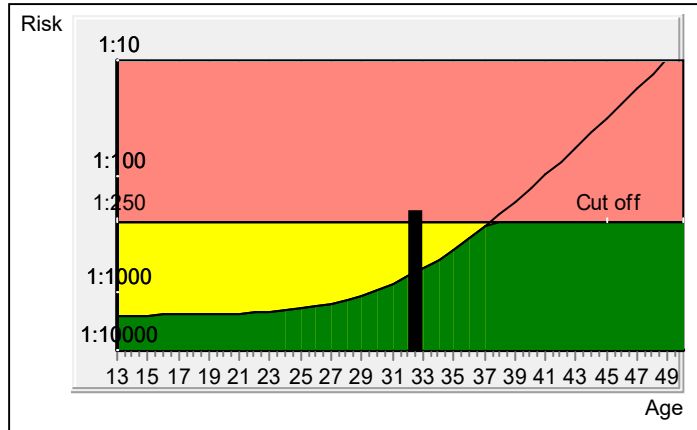
Results for:
Mrs. NADIYA SAMREEN

Sample no
A0607976

Date of report:
03/01/25

Referring Doctors

Summary



Patient data	
Age at delivery	32.5
WOP	14 + 2
Weight	64 kg
Patient ID	0482501010075
Ethnic origin	Asian

Risks at term	
Biochemical risk for Tr.21	1:197
Age risk:	1:682
Neural tube defects risk	1:3559

For Mrs. NADIYA SAMREEN, born on 28-12-1992, a screening test was performed on the 01-01-2025. Prisca screens for Trisomy 21, Trisomy 18 and Neural tube defects (NTD).

MEASURED SERUM VALUES

	Value	Corr. MoMs
AFP	29.5 ng/mL	1.21
HCG	183840 mIU/mL	4.47
uE3	0.99 ng/mL	3.72

Gestation age 14+ 2
Method Scan

The MoMs have been corrected according to:
maternal weight
ethnic origin

TRISOMY 21 SCREENING

The calculated risk for Trisomy 21 is above the cut off which represents an increased risk.

After the result of the Trisomy 21 test it is expected that among 197 women with the same data, there is one woman with a trisomy 21 pregnancy and 196 women with not affected pregnancies.

The HCG level is high.

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!

TRISOMY 18 SCREENING

The calculated risk for trisomy 18 is < 1:10000, which indicates a low risk.

NEURAL TUBE DEFECTS (NTD) SCREENING

The corrected MoM AFP (1.21) is located in the low risk area for neural tube defects.

Risk above
Cut off

Risk above
Age risk

Risk below
Age risk