

**LABORATORY TEST REPORT**

Name	: Mrs. SADAF NAAZ		
Sample ID	: B2585097		
Age/Gender	: 34 Years/Female	Reg. No	: 0482503100069
Referred by	: Dr. T AHMAD	SPP Code	: SPL-BH-110
Referring Customer	: S M LIFE CARE HOSPITAL	Collected On	: 10-Mar-2025 12:00 PM
Primary Sample	: Whole Blood	Received On	: 11-Mar-2025 08:18 AM
Sample Tested In	: Serum	Reported On	: 12-Mar-2025 07:31 PM
Client Address	: OPPO PETROL PUMP,SHANTI KUNJ HARUN NAG	Report Status	: Final Report


**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Biological Reference Interval
-----------	---------	-------	-------------------------------

[PDF Attached](#)
**Triple Marker**

Alpha FetoProtein (Method: CLIA)	16.9	ng/mL	Refer to Interpretation
Beta- Human Chorionic Gonodotropin Hormone (Method: CLIA)	130100.3	mIU/mL	Refer to Interpretation
Unconjugated Estriol (uE3) (Method: CLIA)	0.46	ng/mL	Refer Interpretation

Risk analysis for Trisomy 21 is 1:68, and is positive. The HCG level is high  
 Adv: FISH , NIPT and amniocentesis at 14-16 weeks of gestation.

**Interpretation 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 \*\*\*



  
 DR. LAVANYA LAGISETTY  
 MD BIOCHEMISTRY

Page 1 of 1

PRISCA 5.1.0.17

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

**Plot No. 564, First Floor, Buddanagar, Peerzadiguda, Boduppal, Hyderabad  
Telangana - 500092**

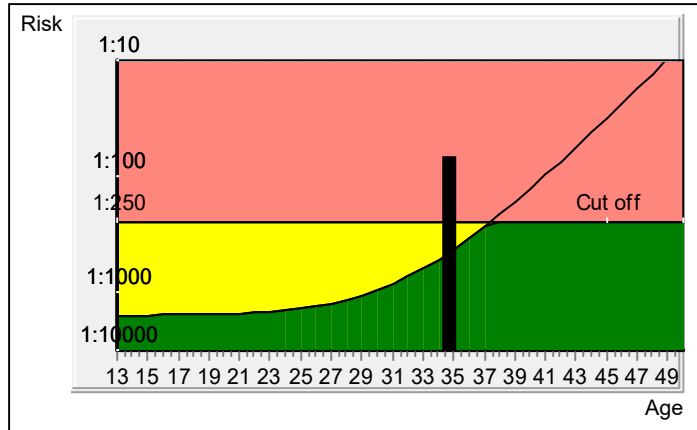
Results for:  
Mrs. SADAF NAAZ

Sample no  
B2585097

Date of report:  
12/03/25

Referring Doctors

Summary



Patient data	
Age at delivery	34.7
WOP	14 + 6
Weight	78 kg
Patient ID	0482503100069
Ethnic origin	Asian

Risks at term	
Biochemical risk for Tr.21	1:68
Age risk:	1:458
Neural tube defects risk	<1:10000

For Mrs. SADAF NAAZ, born on 01-01-1991, a screening test was performed on the 10-03-2025. Prisca screens for Trisomy 21, Trisomy 18 and Neural tube defects (NTD).

MEASURED SERUM VALUES

	Value	Corr. MoMs
AFP	16.9 ng/mL	0.73
HCG	130100.3 mIU/mL	3.97
uE3	0.46 ng/mL	1.42

Gestation age 14+ 6  
Method BPD Hadlock

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 68 women with the same data, there is one woman with a trisomy 21 pregnancy and 67 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 (0.73) is located in the low risk area for neural tube defects.**

Risk above  
Cut off

Risk above  
Age risk

Risk below  
Age risk