

**LABORATORY TEST REPORT**

Name	: Mrs. TANIYA RUHANI		
Sample ID	: s4109180		
Age/Gender	: 24 Years/Female	Reg. No	: 0012601040254
Referred by	: Dr. SELF	SPP Code	: SPL-AS-234
Referring Customer	: ANUDIP HEALTH CARE	Collected On	: 04-Jan-2026 08:00 AM
Primary Sample	: Whole Blood	Received On	: 04-Jan-2026 01:12 PM
Sample Tested In	: Serum	Reported On	: 04-Jan-2026 04:20 PM
Client Address	: GUWAHATI ,SIXMILE	Report Status	: Final Report


**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Biological Reference Interval
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[PDF Attached](#)
**Triple Marker**

Alpha FetoProtein (Method: CLIA)	168.73	ng/mL	Refer to Interpretation
Beta- Human Chorionic Gonodotropin Hormone (Method: CLIA)	18691.0	mIU/mL	Refer to Interpretation
Unconjugated Estriol (uE3) (Method: CLIA)	0.96	ng/mL	Refer Interpretation

**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

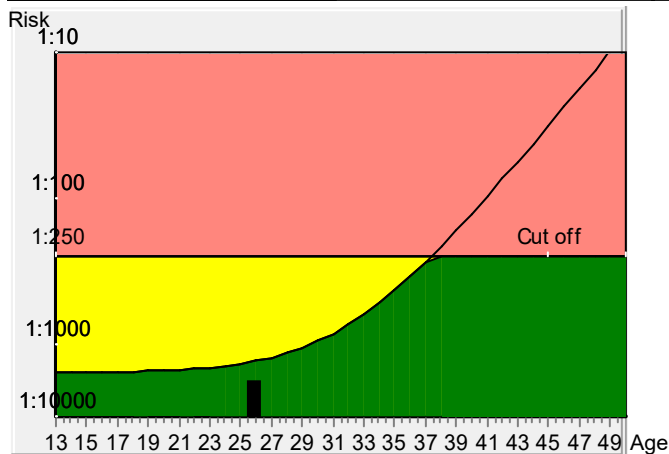
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### Result Down's syndrome screening

Name	Ms. TANIYA RUHAN	Sample ID	S4109180	diabetes	no
Patient ID	0692512300085	D.O.B.	27/06/00	Fetuses	1
Day of serum taking	30/12/25	Age at delivery	25.9	Smoker	no
Date of report:	04/01/26	Weight [kg]	52 kg	IVF	no
Previous trisomy 21 pregnancies	unknown			Ethnic origin	Asian

### Corrected MoM's and calculated risks

AFP	168.73	ng/mL	2.07	Corr. MoM	Gestational age at sample date	20 + 5
uE3	0.96	ng/mL	0.51	Corr. MoM	determination method	BPD Hadlock
HCG	18691	mIU/mL	0.99	Corr. MoM	Physician	
Inh-A		IU/ml	0.79	Corr. MoM		



**Tr.21 risk**  
at term  
<1:10000

**Age risk**  
at term  
1:1327

### 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 more than 10000 women with the same data, there is one woman with a trisomy 21 pregnancy.

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

**The corrected MoM AFP (2.07) is located in the low risk area for neural tube defects.**

### Risk for trisomy 18

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

below cut off

Below Cut Off, but above Age Risk

above cut off

Prisca 5.1.0.17