

LABORATORY TEST REPORT

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

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 Gonadotropin Hormone (Method: CLIA)	18691.0	mIU/mL	Refer to Interpretation
Unconjugated Estriol (uE3) (Method: CLIA)	0.96	ng/mL	Refer Interpretation

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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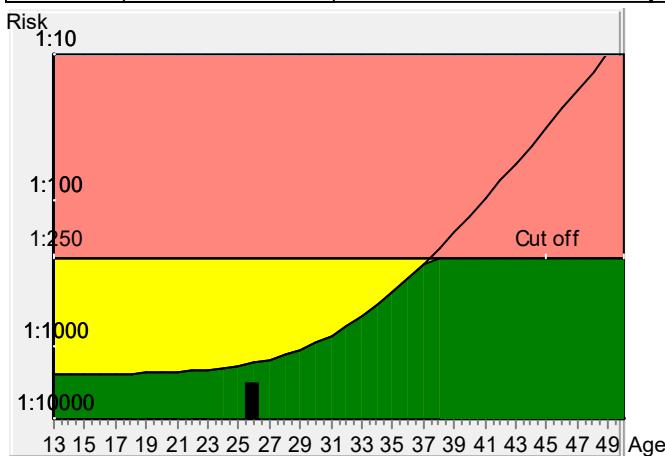

DR. LAVANYA LAGISSETTY
MD BIOCHEMISTRY

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		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

Risk for trisomy 18

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

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