Name	: Mrs. PRADNYA MALAVE	VID No.	: 250176511045269
Age / Gender	: 38 Year(s) / Female	PID No.	: P13625557628813
Contact No.	:	Referred by	: SELF
Address	: -	Registered On	: 14/11/2025 7:03 PM
Pin code	:	Collected On	: 14/11/2025 7:02PM
		Reported On	: 17/11/2025 5:57 PM

Maternal screen (Triple Marker) - 2nd Trimester

Investigation	Observed Value	Unit
AFP (Alpha Feto Protein), Serum (Chemiluminescence Immunoassay (CLIA))	57.46	ng/mL
Beta HCG (Total) (Chemiluminescence Immunoassay (CLIA))	10840.00	mIU/mL
E3, unconjugated Estriol	1.79	ng/mL
Risk factor calculated by	PRISCA 5	

Comments : 1) Prisca is calculated based on USG report dated 04.11.2025,which mentions BPD as 47.7 mm. 2) Prisca is calculated based on USG report dated on 04.11.2025 mentions hypoplastic nasal bone, further testing by NIPT(N0023_NIPS)/Karyotyping- FISH(K0026) suggested, if clinically indicated. 3) Risk for Trisomy 18, Neural Tube Defect and Trisomy 21 is low. For all interpretation of maternal markers, age is considered according to date of birth mentioned on the graph.

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

Test Information:

- *Statistical risk factor calculation for Trisomy 21 (Down's syndrome), Trisomy 18 (Edward Syndrome), and Open Neural tube defect has been done using CE approved* **PRISCA 5** *software*
- *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, which are established in-house with database of more than 10000 patients and are periodically updated.*
- Statistical evaluation enclosed being more informative, the reference ranges for the biochemical parameters are not quoted on the report. All software may not give similar risk factor for the similar data.
- This is a screening test and hence confirmation of screen positives is recommended.
- The test offers detection rate of 81% and hence occasional false negatives are likely.
- It is advisable to ask for repeat calculations (not the test), in case history provided is not correct. For better reliability of results, it is advised to carry out analysis between 15&17 weeks.
- **Associated Test: Integrated (Standard-NT,PAPPa,Quadruple screen)) is available .**

Disorder	Screen positive Cut off(ACOG2007)	MOM Cut off(ACOG2007)	Remarks
Trisomy-21	**1:250**	AFP: < or=0.74, HCG: > or=2.06 UE3: < or=0.75	Confirmatory tests needed under doctor's advise
Trisomy-18	**1:100**	AFP:< or=0.65, HCG: < or=0.36 UE3: < or=0.4	Level-III ultrasound needed for confirmation
Open Neural Tube Defect	**AFP MoM >2.5**	AFP: > 2.5	Scan of Rachis recommended

Dr. SOURABH JOSHI
MD (Pathology)
H.O.D. Hematology
Reg No.2007041085