Patient Name	: Mrs. PREETI SHARMA 052	**Reference**	: Self	Registered On	: 14/Dec/2022 07:48AM
Age/Sex	: 25 Y 9 M 15 D/Female	**Organization**	: Pathsquare labs	Collected On	: 14/Dec/2022 09:22AM
Patient ID	: 012212140014	**Org Address**	:	Reported On	: 15/Dec/2022 11:20AM
	10027384			UHID	:

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Test Name	Value	Unit	Bio Ref.Interval	Method

IMMUNOLOGY

Maternal Screen-2nd Trimester, Quadruple Screening

Specimen: Serum

AFP-Alpha Feto Protein	80.55	ng/mL	CLIA
Beta HCG (Total)	35.7	IU/mL	CLIA
E3, unconjugated Estriol	1.934	ng/mL	CLIA
Inhibin A	218.4	pg/mL	CLIA

BENETECH PRA SOFTWARE

Risk factor calculated by

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, Inhibin A: > or=1.77	Confirmatory test (amniocentesis & karyotyping) 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.Shilpa Hastir
MD (Pathology)
Gold Medalist

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.

Test Name	Value	Unit	Bio Ref.Interval	Method

Interpretation Guidelines :

1. Statistical risk factor calculation for Trisomy 21 (Down's syndrome), Trisomy 18 (Edward Syndrome), and Open Neural tubedefect has been done using CE approved Benetech PRA Software.
2. The calculations are done using Indian medians, which are established in-house with database of more than 100 patientsand it is periodically updated.
3. Statistical evaluation enclosed being more informative, the reference ranges for the biochemical parameters are not quoted on the report.
4. All software may not give similar risk factor for the similar data.
5. This is a screening test and hence confirmation of screen positives is recommended.
6. The test offers detection rate of 81% and hence occasional false negatives are likely.
7. 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.

Limitations : Following factors affect maternal hormonal (MoM) levels & hence to be considered during interpretation.

Maternal Factors	Fetal Factors	Placental Factors
Weight, Gestational Hypertension and Diabetes, Chronic Liver Diseases,uterine fibroids, Ovarian tumour	ncorrect Gestational Age, More than 2 foetuses IUGR, Oligohydramnios,Abdominal wall defects,CAH, Smith Lemli Opitz Syndrome	Placenta Preavia, Retroplacental haemorrhage, Altered placental blood flow

*** End Of Report ***

Dr.Shilpa Hastir
MD (Pathology)
Gold Medalist

JIYO DIAGNOSTICS & WELLNESS CENTRE

Quardruple Marker

Patient Name: SHARMA, PREETI	**Code: 10027384**
Race: INDIAN	**DOB: 25/02/97**
Physician:	**Reported: 15/12/22**

CLINICAL INFORMATION

Estimation Method: from FL of 32.0 mm on 12/12/22
Age at Term: 26.2 years
EDD: 01/05/23
Gestation: Singleton
IDDM: No
Smoker: No
Rh: Unknown
IVF: No
Family History: Downs: N OSB: N
Gestational Age: 20 weeks 2 days
Referring Lab #: Pathsquare labs
Specimen Code: 10027384
Specimen Date: 14/12/22
Received Date: 14/12/22
Weight: 60.0 kg
Screening Status: Initial sample
Para / Gravida: 0 / 1

REMARKS

Down Syndrome

The risk of Down syndrome is LESS than the screening cut-off. No follow-up is indicated regarding this result.

Open Spina Bifida

The maternal serum AFP result is NOT elevated for a pregnancy of this gestational age. The risk of an open neural tube defect is less than the screening cut-off.

Trisomy 18

These serum marker levels are not consistent with the pattern seen in Trisomy 18 pregnancies. Maternal serum screening will detect approximately 60% of Trisomy 18 pregnancies.

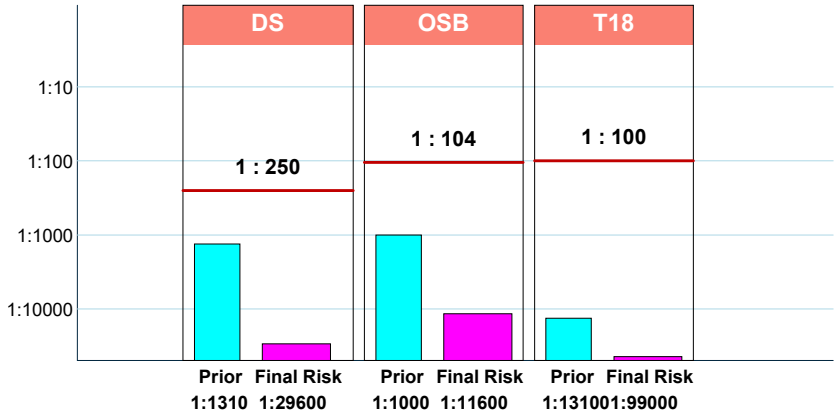
BIOCHEMISTRY

MARKER	RESULT	MoM
AFP	80.5 ng/mL	1.07
uE3	1.93 ng/mL	1.24
hCG	35.7 IU/mL	1.50
Inh-A	218.4 pg/ml	0.82

INTERPRETATION

Down Syndrome: Screen Negative
Open Spina Bifida: Screen Negative
Trisomy 18: Screen Negative

CLINICAL RESULTS (at term)



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