Patient Name	:		
DOB/Age/Gender	:	Bill Date	:
Patient ID / UHID	:	Sample Collected	:
Referred By	:	Sample Received	:
Sample Type	:	Report Date	:
Barcode No	:	Report Status	:

MC-5280

Test Description	Value(s)	Unit(s)	Reference Range

SPECIAL ASSAY REPORT

Triple Marker Test- Beckman (Benetech)

AFP-Alpha Feto Protein Method : CLIA	79.2	ng/mL
uE3, unconjugated Estriol Method : CLIA	2.60	ng/mL
Beta HCG (Total) Method : CLIA	37292	mIU/mL

Interpretation:

Disclaimer:

1. This is a risk estimation test and not a diagnostic test. An increased risk result does not mean that the fetus is affected and a low risk does not mean that the fetus is unaffected, reported risk should be correlated and adjusted to the absence/presence of sonographic markers observed in the anomaly/malformation scan.
2. This interpretation assumes that patient and specimen details are accurate and correct.
3. The testing laboratory does not bare responsibility for the ultrasound measurements.

Disorder	Screen positive Cut off(ACOG2007)	Remarks
Trisomy-21	1:250 for all age groups AFP MoM < or=0.74, HCG MoM > or=2.06 UE3 MoM < or=0.75,Inhibin A: >or =1.77	Confirmatory tests needed under doctor'sadvise
Trisomy-18	1:100 for all age groups AFP MoM < or=0.65, HCG MoM < or=0.36 UE3 MoM < or=0.4	Maternal ultrasound needed for confirmation
Open Neural TubeDefect	AFP MoM above 2.5	Scan of Rachis recommended

Interpretation Guidelines:

1. 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 Benetech PRA 3.4.0.3
2. Statistical evaluation enclosed being more informative, the reference ranges for the biochemical parameters are not quoted on the report.
3. All software may not give similar risk factor for the similar data.
4. This is a screening test and hence confirmation of screen positives is recommended.
5. The test offers detection rate of 81% and hence occasional false negatives are likely.
6. 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.
7. 1:250 risk factor means: Out of 250 women having similar results and history, 1 may have abnormality.

Note: Graph Enclosed

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

Maternal Factors	Fetal Factors	Placental Factors

Dr. Saurabh Garg
MD, D.N.B (Pathology)
Consultant Pathologist

MC-5280

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Test Description	Value(s)	Unit(s)	Reference Range

Weight, Gestational Hypertension and Diabetes, Chronic Liver Diseases,uterine fibroids, Oarian tumour	Correct Gestational Age, More than 2 foetuses IUGR, Oligohydramnios,Abdominalwall defects, CAH,SmithLemliOpitz Syndrome	Placenta Preavia, Retroplacental haemorrhage, Altered placental bloodflow

Conditions of Reporting: All Lab results are subject to clinical interpretation by a qualified medical professional & This report is not subject to use for any medico-legal purpose.

Dr. Saurabh Garg
MD, D.N.B (Pathology)
Consultant Pathologist

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.