

Patient Name : Mrs. JAMILA 977  
Age/Sex : 29 Y/Female  
Patient ID : 012212150012



10027793

Reference : Self  
Organization : Pathsquare labs  
Org Address :

Registered On : 15/Dec/2022 07:37AM  
Collected On : 15/Dec/2022 09:09AM  
Reported On : 16/Dec/2022 06:38PM  
UHID :

| Test Name | Value | Unit | Bio Ref.Interval | Method |
|-----------|-------|------|------------------|--------|
|-----------|-------|------|------------------|--------|

### BIOCHEMISTRY

#### Maternal Screen-1st Trimester, Dual Marker

##### **Specimen: Serum**

|   |        |       |          |
|---|--------|-------|----------|
| Free Beta HCG                               | 19.2   | IU/L  |          |
| PAPPa (Pregnancy Associated Plasma Protein) | 1123.0 | ng/mL | ( CLIA ) |

### **BENETECH PRA SOFTWARE**

#### **Risk factor calculated by**

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

#### **Test Information:**

1. Statistical risk factor calculation for Trisomy 21 (Down's syndrome), Trisomy 18 (Edward Syndrome) and Trisomy 13 (Patau Syndrome) 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 patients and 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.

#### **Interpretation guidelines :**

1. This is a screening test and hence confirmation of screen positives is recommended.
2. It is advisable to ask for repeat calculations (not the test), in case history provided is not correct.
3. 1:250 risk factor means : Out of 250 women having similar results and history, 1 may have abnormality
4. For better reliability of results, it is advised to carry out analysis between 11 and 14 weeks

| Disorder                | Screen positive Cut off (ACOG 2007) | MOM Cut off (ACOG 2007)                      | Remarks   |
|-------------------------|-------------------------------------|--|---|
| Trisomy-21              | 1:250                               | Free BHCG: > or = 1.98<br>PAPPa: < or = 0.43 | Confirmatory tests needed under doctor's advise |
| Trisomy-18 / Trisomy-13 | 1:100                               | Free BHCG: < or = 0.5<br>PAPPa: < or = 0.4   | Level-III ultrasound needed for confirmation    |

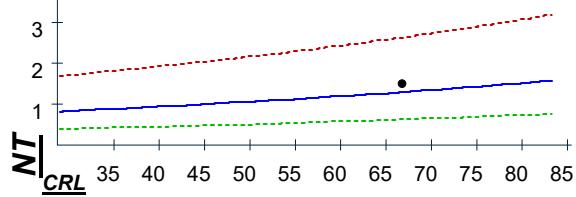
\*\*\* End Of Report \*\*\*



  
**Dr. Shilpa Hastir**  
MD (Pathology)  
Gold Medalist

# JIYO DIAGNOSTICS & WELLNESS CENTRE

## Double Marker

| <b>Patient Name:</b> .. JAMILA<br><b>Race:</b> INDIAN<br><b>Physician:</b>   |               | <b>Code:</b> 10027793<br><b>DOB:</b> 22/02/92<br><b>Reported:</b> 16/12/22          |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|--|---------------|---|--------|-----|--------|---------------|------|------------|-----------|------|--|--|----|--------|------|--|--|-------|---------|---------|--------|--|--|---------|--|--|--|-------|-------|--|------------|------------|--|-------|---------|--|--|--------|--|--|---------|
| <b>CLINICAL INFORMATION</b>  |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>Estimation Method:</b> from CRL of 66.2 mm on 11/12/22<br><b>Age at Term:</b> 31.3 years<br><b>EDD:</b> 19/06/23<br><b>Gestation:</b> Singleton<br><b>IDDM:</b> Unknown<br><b>Smoker:</b> Unknown<br><b>Rh:</b> Unknown<br><b>IVF:</b> Unknown<br><b>Gestational Age:</b> 13 weeks 3 days<br><b>Referring Lab #:</b> Pathsquare labs<br><b>Specimen Code:</b> 10027793<br><b>Specimen Date:</b> 15/12/22<br><b>Received Date:</b> 15/12/22<br><b>Weight:</b> 53.0 kg<br><b>Screening Status:</b> Initial sample<br><b>Para / Gravida:</b> 0 / 1 |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>REMARKS</b>   |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <u><b>Down Syndrome</b></u><br>The risk of Down syndrome is LESS than the screening cut-off.<br><br><u><b>Trisomy 18/13</b></u><br>The risk of trisomy 18 is less than the screening cut-off.  |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>ULTRASOUND</b>  |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>Sonographer:</b> 000<br><b>Ultrasound Date:</b> 11/12/22<br><div style="border: 1px solid black; padding: 2px;"> <b>CRL:</b> 66.2 mm <b>NB:</b> Present<br/> <b>NT:</b> 1.4 mm <b>1.09 MoM</b> <b>0.11 Δ</b> </div>   |               |  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>BIOCHEMISTRY</b>  |               | <b>CLINICAL RESULTS (at term)</b>   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <table border="1"> <thead> <tr> <th>MARKER</th> <th>RESULT</th> <th>MoM</th> </tr> </thead> <tbody> <tr> <td>PAPP-A</td> <td>1123.00 ng/ml</td> <td>0.46</td> </tr> <tr> <td>free β-hCG</td> <td>19.2 IU/L</td> <td>0.65</td> </tr> </tbody> </table>  |               | MARKER  | RESULT | MoM | PAPP-A | 1123.00 ng/ml | 0.46 | free β-hCG | 19.2 IU/L | 0.65 | <table border="1"> <thead> <tr> <th></th> <th>DS</th> <th>T18/13</th> </tr> </thead> <tbody> <tr> <td>1:10</td> <td></td> <td></td> </tr> <tr> <td>1:100</td> <td>1 : 250</td> <td>1 : 100</td> </tr> <tr> <td>1:1000</td> <td></td> <td></td> </tr> <tr> <td>1:10000</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Prior</td> <td>Prior</td> </tr> <tr> <td></td> <td>Final Risk</td> <td>Final Risk</td> </tr> <tr> <td></td> <td>1:817</td> <td>1:24700</td> </tr> <tr> <td></td> <td></td> <td>1:6160</td> </tr> <tr> <td></td> <td></td> <td>1:86500</td> </tr> </tbody> </table> |  | DS | T18/13 | 1:10 |  |  | 1:100 | 1 : 250 | 1 : 100 | 1:1000 |  |  | 1:10000 |  |  |  | Prior | Prior |  | Final Risk | Final Risk |  | 1:817 | 1:24700 |  |  | 1:6160 |  |  | 1:86500 |
| MARKER   | RESULT        | MoM   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| PAPP-A   | 1123.00 ng/ml | 0.46  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| free β-hCG   | 19.2 IU/L     | 0.65  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  | DS            | T18/13  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| 1:10   |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| 1:100  | 1 : 250       | 1 : 100   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| 1:1000   |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| 1:10000  |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  | Prior         | Prior   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  | Final Risk    | Final Risk  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  | 1:817         | 1:24700   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  |               | 1:6160  |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
|  |               | 1:86500   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <b>INTERPRETATION</b>  |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |
| <u><b>Down Syndrome:</b></u> Screen Negative<br><u><b>Trisomy 18/13:</b></u> Screen Negative   |               |   |        |     |        |               |      |            |           |      |  |  |    |        |      |  |  |       |         |         |        |  |  |         |  |  |  |       |       |  |            |            |  |       |         |  |  |        |  |  |         |