



**QUADRUPLE MARKER**

NAME: MRS LATIKA GUPTA  
 PATIENT CODE: 052007290034  
 DOB: 25/02/85 (DDMMYY)  
 LMP: 18/03/20  
 EDD: 16/12/20  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 20 weeks 0 day from BPD of 45.8 mm on 28/07/20  
 MATERNAL AGE AT TERM: 35.8 years  
 MATERNAL WEIGHT: 67.0 kg  
 MATERNAL RACE: ASIAN  
 MATERNAL HISTORY: IDDM(N), SMOKER(U), RH(N), VPA(U), SSRI(U), CBZ(U), IVF(N)  
 GESTATION: Singleton  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

**SPECIMEN**

SPECIMEN CODE: MOLOQ  
 COLLECTION DATE: 29/07/20

RECEIVED: 29/07/20  
 REFERRING LAB #: MOLOQ  
 REPORTED: 30/07/20

| CLINICAL RESULTS                 |                |          | DOWN SYNDROME |          | OPEN NEURAL TUBE DEFECT |                       |
|----------------------------------|----------------|----------|---------------|----------|-------------------------|-----------------------|
| Assay                            | Results        | MoM      | serum screen  | age only | serum screen            | population prevalence |
| AFP                              | 36.5 ng/mL     | 0.67     |               |          |                         |                       |
| uE3                              | 1.58 ng/mL     | 0.79     |               |          |                         |                       |
| βhCG                             | 66494.2 mIU/mL | 2.72     |               |          |                         |                       |
| InhA                             | 262 pg/ml      | 1.23     |               |          |                         |                       |
| <b>Risk Assessment (at term)</b> |                |          |               |          |                         |                       |
| NTD:                             |                | 1:22400  |               |          |                         |                       |
| Down Syndrome                    |                | 1:54     |               |          |                         |                       |
| Age alone                        |                | 1:325    |               |          |                         |                       |
| Equivalent Age Risk              |                | 42.5     |               |          |                         |                       |
| Trisomy 18                       |                | <1:29400 |               |          |                         |                       |

**Interpretation\* ( This is Screening Test Only Not a Diagnostics Confermatory Test )**

**DOWN SYNDROME**

**SCREEN POSITIVE**

The risk of Down syndrome is GREATER than the screening cut-off. If the gestational age is confirmed, counselling regarding the risks and benefits of amniocentesis is suggested.

**OPEN NEURAL TUBE DEFECT**

**Screen Negative**

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**

**Screen Negative**

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.

Reviewed by: \_\_\_\_\_