



**QUADRUPLE MARKER**

NAME: MRS YOGITA SHARMA  
 PATIENT CODE: 012009050138  
 DOB: 09/06/90 (DDMMYY)  
 LMP: 21/04/20  
 EDD: 25/01/21  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 19 weeks 5 days from BPD of 45.0 mm on 04/09/20  
 MATERNAL AGE AT TERM: 30.6 years  
 MATERNAL WEIGHT: 50.5 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: 05/09/20

RECEIVED: 05/09/20  
 REFERRING LAB #: MOLOQ  
 REPORTED: 07/09/20

| CLINICAL RESULTS                 |                |         | DOWN SYNDROME |          | OPEN NEURAL TUBE DEFECT |                       |
|----------------------------------|----------------|---------|---------------|----------|-------------------------|-----------------------|
| Assay                            | Results        | MoM     | serum screen  | age only | serum screen            | population prevalence |
| AFP                              | 33.0 ng/mL     | 0.50    |               |          |                         |                       |
| uE3                              | 1.62 ng/mL     | 0.80    |               |          |                         |                       |
| βhCG                             | 20614.0 mIU/mL | 0.85    |               |          |                         |                       |
| InhA                             | 167 pg/ml      | 0.86    |               |          |                         |                       |
| <b>Risk Assessment (at term)</b> |                |         |               |          |                         |                       |
| NTD:                             |                | 1:34700 |               |          |                         |                       |
| Down Syndrome                    |                | 1:931   |               |          |                         |                       |
| Age alone                        |                | 1:924   |               |          |                         |                       |
| Equivalent Age Risk              |                | 30.6    |               |          |                         |                       |
| Trisomy 18                       |                | 1:23900 |               |          |                         |                       |

**Interpretation\* (This is a Screening Test only Not a Confirmatory Diagnostic Test).**

**DOWN SYNDROME**

**Screen Negative**

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

**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: \_\_\_\_\_