Molecular Quest Healthcare Pvt Ltd

TRIPLE MARKER

NAME: MRS VRIDHI

PATIENT CODE: 0112009020085 DOB: 23/07/92 (DDMMYY)

LMP: 05/05/20 EDD: 08/02/21 PHYSICIAN:

SPECIMEN

SPECIMEN CODE: MOLQ COLLECTION DATE: 02/09/20 RECEIVED: 02/09/20 REFERRING LAB #: MOLO

REPORTED: 04/09/20

CLINICAL INFORMATION

GESTATIONAL AGE: 17 weeks 2 days from BPD of 25.5 mm on 08/08/20

MATERNAL AGE AT TERM: 28.5 years MATERNAL WEIGHT: 56.0 kg

MATERNAL WEIGHT: 56.0 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

| CLINICA | L RESULTS | | | | | | | | |
|---------------------|------------------|-----------|---------------|-----------------|-------------|-------------------------|----------------|-----------------|-----------------------|
| Assay | Results | MoM | DOWN SYNDROME | | | OPEN NEURAL TUBE DEFECT | | | |
| AFP | 46.7 ng/mL | 1.10 | | serum screen | age only | 4:40 | | serum screen | population prevalence |
| uE3 | 2.11 ng/mL | 1.56 | Higher | | | 1:10 | | | |
| 3hCG | 52410.0 mIU/m | L 1.81 | Risk | | | | Higher Risk | | |
| | | | | | | 1:100 | 1:104 — | | |
| | | | 1:250 | | | | (2.50 MoM) | | |
| Risk As | sessment (at ter | m) | | | | 1:1000 | | | |
| NTD: | | 1:24000 | | | | 1.1000 | | | |
| Down Syndrome | | 1:28600 | Lower | | | | Lower | | |
| Age alone | | 1:1140 | Risk | | | - 1:10000 | Risk | | |
| Equivalent Age Risk | | <15.0 | | | | | | | |
| Trisomy 18 | | <1:173000 | | 1:28600 | 1:1140 | | | 1:24000 | 1:1000 |

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 | <i>r</i> - |
|-------------|------------|
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