



QUADRUPLE MARKER

NAME: MRS JYOTI
 PATIENT CODE: 012003170240
 DOB: 25/07/00 (DDMMYY)
 LMP: 23/10/19
 EDD: 28/07/20
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 21 weeks 0 day from BPD of 49.0 mm on 16/03/20
 MATERNAL AGE AT TERM: 20.0 years
 MATERNAL WEIGHT: 55.0 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: 17/03/20

RECEIVED: 17/03/20
 REFERRING LAB #: MOLOQ
 REPORTED: 18/03/20

| CLINICAL RESULTS | | | DOWN SYNDROME | | OPEN NEURAL TUBE DEFECT | |
|----------------------------------|---------------|----------|---------------|----------|-------------------------|-----------------------|
| Assay | Results | MoM | serum screen | age only | serum screen | population prevalence |
| AFP | 88.3 ng/mL | 1.29 | | | | |
| uE3 | 2.25 ng/mL | 0.95 | | | | |
| βhCG | 6530.0 mIU/mL | 0.26 | | | | |
| InhA | 117 pg/ml | 0.51 | | | | |
| Risk Assessment (at term) | | | | | | |
| NTD: | | 1:3320 | | | | |
| Down Syndrome | | ~1:50000 | | | | |
| Age alone | | 1:1480 | | | | |
| Equivalent Age Risk | | <15.0 | | | | |
| Trisomy 18 | | 1:4500 | | | | |

Interpretation* (This is Screening Test Only Not a Diagnostics Confermatory 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: _____