



QUADRUPLE MARKER

NAME: MRS GEETA DEVI
 PATIENT CODE: 012006060096
 DOB: 14/08/82 (DDMMYY)
 LMP:
 EDD: 25/11/20
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 15 weeks 3 days by U/S (15 wks 2 days on 05/06/20)
 MATERNAL AGE AT TERM: 38.3 years
 MATERNAL WEIGHT: 53.0 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: 06/06/20

RECEIVED: 06/06/20
 REFERRING LAB #: MOLOQ
 REPORTED: 07/06/20

CLINICAL RESULTS			DOWN SYNDROME		OPEN NEURAL TUBE DEFECT	
Assay	Results	MoM	serum screen	age only	serum screen	population prevalence
AFP	119.7 ng/mL	3.52	~1:386	1:159	1:5	1:1000
uE3	0.29 ng/mL	0.31				
βhCG	45419.0 mIU/mL	0.88				
InhA	318 pg/ml	1.64				
Risk Assessment (at term)						
NTD:		1:5				
Down Syndrome		~1:386				
Age alone		1:159				
Equivalent Age Risk		35.2				
Trisomy 18		~1:119				

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

OPEN NEURAL TUBE DEFECT

SCREEN POSITIVE

The maternal serum AFP result is EXCEPTIONALLY HIGH, indicating a substantially elevated risk of an open neural tube defect. Counselling is indicated regarding further investigations, including a detailed fetal ultrasound and in some cases amniocentesis.

DOWN SYNDROME

Screen Negative

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

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: _____