



TRIPLE MARKER

NAME: MRS SEEMA
 PATIENT CODE: 012009240062
 DOB: 22/02/94 (DDMMYY)
 LMP: 14/05/20
 EDD: 16/02/21
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 19 weeks 2 days from BPD of 41.3 mm on 18/09/20
 MATERNAL AGE AT TERM: 27.0 years
 MATERNAL WEIGHT: 58.0 kg
 MATERNAL RACE: ASIAN
 MATERNAL HISTORY: IDDM(N), SMOKER(U), RH(N), VPA(U), SSRI(U), CBZ(U), IVF(N)
 GESTATION: Twins
 SCREENING STATUS: Initial sample
 PARA / GRAVIDA: 0 / 1

SPECIMEN

SPECIMEN CODE: MOLOQ
 COLLECTION DATE: 24/09/20

RECEIVED: 24/09/20
 REFERRING LAB #: MOLOQ
 REPORTED: 26/09/20

CLINICAL RESULTS			*MoMs adjusted for twins	
Assay	Results	MoM*		
AFP	138.9 ng/mL	1.14		
uE3	3.84 ng/mL	1.25		
βhCG	64443.1 mIU/mL	1.52		
Risk Assessment (at term)				
NTD:		1:6970		
Down Syndrome		~1:17900		
Age alone		1:1260		
Trisomy 18		~1:264000		

DOWN SYNDROME		OPEN NEURAL TUBE DEFECT	
serum screen	age only	serum screen	population prevalence
Higher Risk	1:10	Higher Risk	
	1:100		
1:250			
	1:1000		
Lower Risk	1:10000	Lower Risk	
~1:17900	1:1260	1:6970	1:439

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

DOWN SYNDROME

Screen Negative

This patient's relative risk for Down syndrome has been determined by dividing the assay results by the average analyte level in twin pregnancies, and then calculating the risk associated with a singleton pregnancy. This relative risk calculation places the patient below the screening cut-off for Down syndrome.

OPEN NEURAL TUBE DEFECT

Screen Negative

The maternal serum AFP result is NOT elevated for a TWIN pregnancy of this gestational age. The risk of an open neural tube defect is less than the risk at the TWIN screening cut-off. Twin pregnancies have serum AFP concentrations that are twice those seen in singleton pregnancies.

TRISOMY 18

Screen Negative

Reviewed by: _____

Accuracy of gestational age is essential for valid interpretation.