



**QUADRUPLE MARKER**

NAME: MRS KANCHAN  
 PATIENT CODE: 012006100097  
 DOB: 17/03/90 (DDMMYY)  
 LMP: 05/02/20  
 EDD: 07/11/20  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 18 weeks 4 days from BPD of 40.3 mm on 07/06/20  
 MATERNAL AGE AT TERM: 30.6 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: Singleton  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

**SPECIMEN**

SPECIMEN CODE: MOLOQ  
 COLLECTION DATE: 10/06/20

RECEIVED: 10/06/20  
 REFERRING LAB #: MOLOQ  
 REPORTED: 11/06/20

CLINICAL RESULTS			DOWN SYNDROME		OPEN NEURAL TUBE DEFECT	
Assay	Results	MoM	serum screen	age only	serum screen	population prevalence
AFP	38.7 ng/mL	0.80				
uE3	1.74 ng/mL	1.04				
βhCG	28309.3 mIU/mL	0.90				
InhA	135 pg/ml	0.68				
<b>Risk Assessment (at term)</b>						
NTD:		1:56200				
Down Syndrome		1:9360				
Age alone		1:922				
Equivalent Age Risk		<15.0				
Trisomy 18		1:89200				

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

*Accuracy of gestational age is essential for valid interpretation.*