



**QUADRUPLE MARKER**

NAME: MRS DIVYA SHARMA  
 PATIENT CODE: 012005180060  
 DOB: 05/11/95 (DDMMYY)  
 LMP: 17/01/20  
 EDD: 28/10/20  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 16 weeks 5 days from CRL of 43.9 mm on 10/04/20  
 MATERNAL AGE AT TERM: 25.0 years  
 MATERNAL WEIGHT: 78.0 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: 18/05/20

RECEIVED: 18/05/20  
 REFERRING LAB #: MOLOQ  
 REPORTED: 20/05/20

CLINICAL RESULTS			DOWN SYNDROME		OPEN NEURAL TUBE DEFECT	
Assay	Results	MoM	serum screen	age only	serum screen	population prevalence
AFP	24.7 ng/mL	0.75				
uE3	0.97 ng/mL	0.86				
βhCG	9815.0 mIU/mL	0.30				
InhA	94 pg/ml	0.49				
<b>Risk Assessment (at term)</b>						
NTD:		1:39300				
Down Syndrome		~1:50000				
Age alone		1:1360				
Equivalent Age Risk		<15.0				
Trisomy 18		1:3600				

**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.*