



**MOLQ LABORATORY (A UNIT OF MOLECULAR QUEST HEALTHCARE PVT. LTD.)**

**Quadraple Screen**

*PATIENT INFORMATION*

NAME MRS, POONAM  
 PATIENT CODE: 011707060167  
 DOB: 05/05/85 (DDMMYY)  
 LMP: 25/02/17  
 EDD: 03/12/17  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 18 weeks 4 days  
 from CRL of 17.0 mm on 25/04/17  
 MATERNAL AGE AT TERM: 32.6 years  
 MATERNAL WEIGHT: 59.9 kg  
 MATERNAL RACE: INDIAN  
 MATERNAL IDDM: Not specified (Non-diabetic assumed)  
 GESTATION: Singleton  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

**SPECIMEN**

SPECIMEN CODE: MOLQ LAB  
 COLLECTION DATE: 06/07/17

RECEIVED: 06/07/17  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 07/07/17

**CLINICAL RESULTS**

Assay	Results	MoM	<b>DOWN SYNDROME</b>		<b>OPEN SPINA BIFIDA</b>	
			serum screen	age only	serum screen	population prevalence
AFP	34.7 ng/mL	0.67				
uE3	1.82 ng/mL	1.05				
hCG	21198.0 mIU/ml	0.74				
DIA	211.8 pg/ml	0.84				
<b>Risk Assessment (at term)</b>						
OSB:		1:65700				
Down Syndrome		1:3480				
Age alone		1:675				
Equivalent Age Risk		<15.0				
Trisomy 18		1:52200				

**Interpretation\* (based on partial information supplied)**

**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 SPINA BIFIDA**

**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.

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