



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

## Quardruple Screening

**PATIENT INFORMATION**

NAME MRS, PRATHYUSHA  
 PATIENT CODE: 011703150212  
 DOB: 12/06/91 (MMDDYY)  
 LMP: 11/19/16  
 EDD: 08/24/17  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 16 weeks 6 days  
 from CRL of 55.0 mm on 02/10/17  
 MATERNAL AGE AT TERM: 25.7 years  
 MATERNAL WEIGHT: 65.0 kg  
 MATERNAL RACE: INDIAN  
 MATERNAL IDDM: Not specified (Non-diabetic assumed)  
 GESTATION: Singleton  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

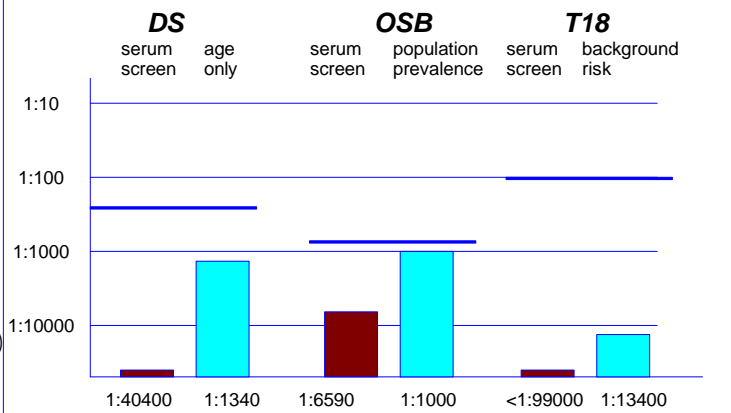
**SPECIMEN**

SPECIMEN CODE: MOLQ LAB  
 COLLECTION DATE: 03/15/17

RECEIVED: 03/15/17  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 03/16/17

**CLINICAL RESULTS**

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	42.6 ng/mL	1.37
			uE3	1.36 ng/mL	1.27
			hCG	83434 mIU/mL	2.61
			DIA	225.9 pg/ml	1.23
<b>Risk Assessment (at term)</b>			<b>Cutoff</b>		
Down Syndrome			<b>1:40400</b>		
Age alone			1:1340		
Equivalent Age Risk			<15.0		
OSB:			1:6590		
Trisomy 18			<1:99000		
			1:721(1.95 MoMs)		
			1:100		



**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.*