



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

## Quardruple Screening

### PATIENT INFORMATION

NAME DUMMY  
 PATIENT CODE: 12345678  
 DOB: 09/01/86 (MMDDYY)  
 LMP:  
 EDD: 03/19/17  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 16 weeks 3 days  
 by U/S on 10/05/16  
 MATERNAL AGE AT TERM: 30.5 years  
 MATERNAL WEIGHT: 52.0 kg  
 MATERNAL RACE: INDIAN  
 MATERNAL IDDM: Not specified (Non-diabetic assumed)  
 GESTATION: Singleton  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

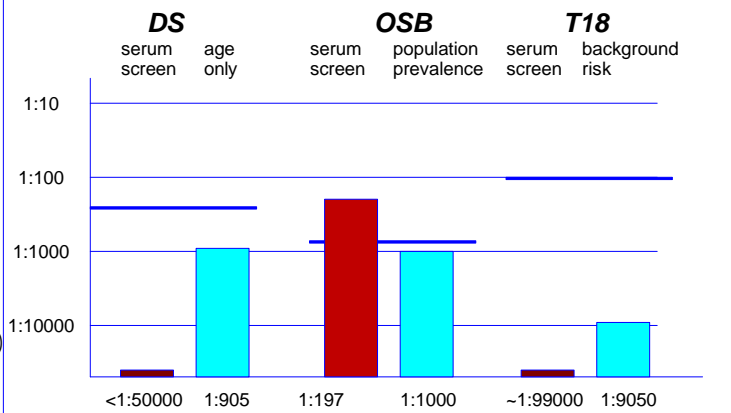
### SPECIMEN

SPECIMEN CODE: MOLQ LAB  
 COLLECTION DATE: 10/05/16

RECEIVED: 10/05/16  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 11/12/16

### CLINICAL RESULTS

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	73.9 ng/mL	2.29
			uE3	1.04 ng/mL	1.00
			hCG	32382 mIU/mL	0.80
			DIA	117.0 pg/ml	0.56
<b>Risk Assessment (at term)</b>			<b>Cutoff</b>		
Down Syndrome			<b>&lt;1:50000</b>		
Age alone			1:905		
Equivalent Age Risk			<15.0		
OSB:			1:197		
Trisomy 18			~1:99000		
			1:250		
			1:721(1.95 MoMs)		
			1:100		



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

#### OPEN SPINA BIFIDA

#### SCREEN POSITIVE

The maternal serum AFP result is ELEVATED for a pregnancy of this gestational age. This indicates an increased risk of an open neural tube defect. Counselling is indicated regarding further investigations, including a detailed fetal ultrasound and in some cases amniocentesis.

#### DOWN SYNDROME

#### Screen Negative

The risk of Down syndrome is LESS than the screening cut-off. No follow-up is indicated regarding this result.

#### 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.*