



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

## Quardruple Screening

### PATIENT INFORMATION

NAME MRS, JASMIN  
 PATIENT CODE: 011703080131  
 DOB: 12/08/87 (MMDDYY)  
 LMP: 11/20/16  
 EDD: 08/23/17  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 16 weeks 0 day  
 from CRL of 79.3 mm on 02/22/17  
 MATERNAL AGE AT TERM: 29.7 years  
 MATERNAL WEIGHT: 50.0 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: 03/08/17

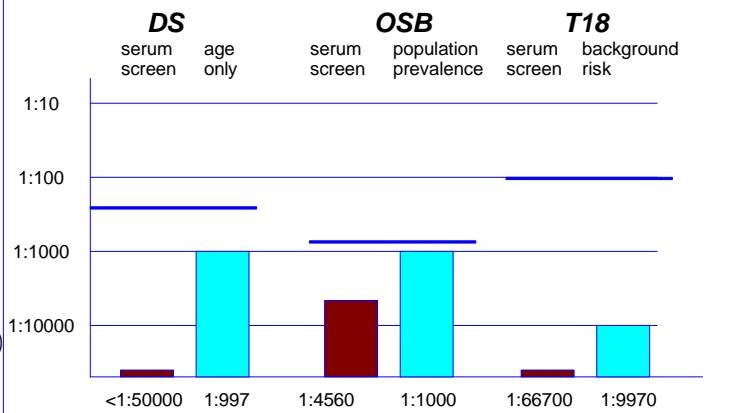
RECEIVED: 03/08/17  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 03/09/17

### CLINICAL RESULTS

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	44.2 ng/mL	1.47
			uE3	0.94 ng/mL	0.99
			hCG	23220 mIU/mL	0.52
			DIA	215.5 pg/ml	1.05

Risk Assessment (at term)		Cutoff
Down Syndrome	<1:50000	1:250
Age alone	1:997	
Equivalent Age Risk	<15.0	
OSB:	1:4560	1:721(1.95 MoMs)
Trisomy 18	1:66700	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.*