



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

## Quardruple Screening

### PATIENT INFORMATION

NAME MRS, PRIYANKA  
 PATIENT CODE: 011611150020  
 DOB: 07/13/87 (MMDDYY)  
 LMP: 07/01/16  
 EDD: 04/07/17  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 19 weeks 4 days  
 by U/S (13 wks 1 days on 10/01/16)  
 MATERNAL AGE AT TERM: 29.7 years  
 MATERNAL WEIGHT: 60.0 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: 11/15/16

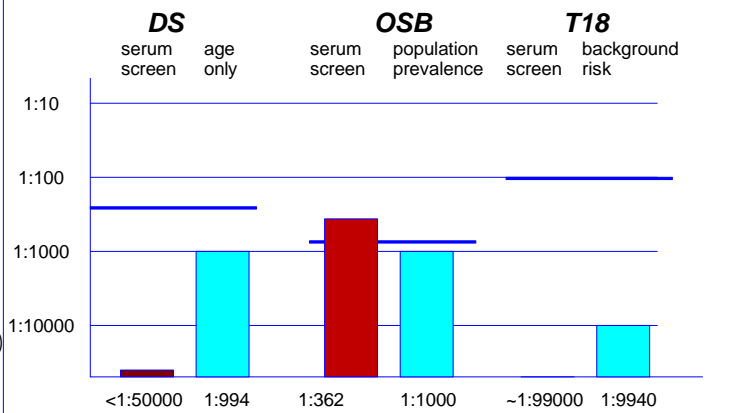
RECEIVED: 11/15/16  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 11/16/16

### CLINICAL RESULTS

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	125.4 ng/mL	2.14
			uE3	2.20 ng/mL	1.07
			hCG	41304 mIU/mL	1.71
			DIA	239.2 pg/ml	1.05

Risk Assessment (at term)	Cutoff
Down Syndrome	1:250
Age alone	1:994
Equivalent Age Risk	<15.0
OSB:	1:362
Trisomy 18	~1:99000



### 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.*

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