



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

## Quardruple Screening

### PATIENT INFORMATION

NAME MRS, DEEPA RISHI  
 PATIENT CODE: 011704100171  
 DOB: 03/28/79 (MMDDYY)  
 LMP: 12/10/16  
 EDD: 09/17/17  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 17 weeks 1 day  
 from BPD of 16.6 mm on 02/28/17  
 MATERNAL AGE AT TERM: 38.5 years  
 MATERNAL WEIGHT: 63.0 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: 04/10/17

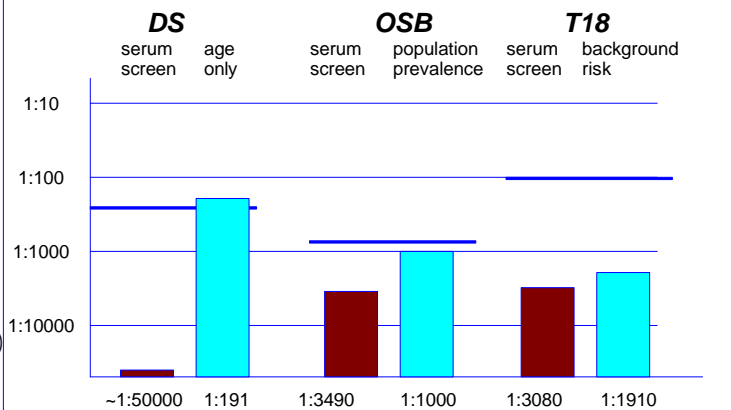
RECEIVED: 04/10/17  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 04/11/17

### CLINICAL RESULTS

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	54.1 ng/mL	1.60
			uE3	1.60 ng/mL	1.39
			hCG	8034 mIU/mL	0.26
			DIA	135.7 pg/ml	0.71

Risk Assessment (at term)		Cutoff
Down Syndrome	~1:50000	1:250
Age alone	1:191	
Equivalent Age Risk	<15.0	
OSB:	1:3490	1:721(2.00 MoMs)
Trisomy 18	1:3080	1:100



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

#### DOWN SYNDROME

#### Screen Negative

The risk of Down syndrome is LESS than the screening cut-off. The serum screen has indicated a REDUCED risk from that based on maternal age. 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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