

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

## Quadraple Screen

### PATIENT INFORMATION

NAME MRS. SWATI  
 PATIENT CODE: 011806210083  
 DOB: 05/04/93 (DDMMYY)  
 LMP: 18/02/18  
 EDD: 28/11/18  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 17 weeks 1 day  
 by U/S (12 wks 5 days on 21/05/18)  
 MATERNAL AGE AT TERM: 25.6 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: 21/06/18

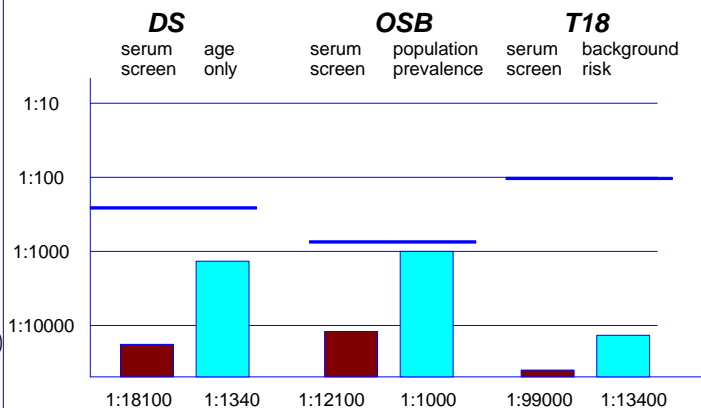
RECEIVED: 21/06/18  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 22/06/18

## CLINICAL RESULTS

Second Trimester	Assay Results	MoM
AFP	47.7 ng/mL	1.29
uE3	0.95 ng/mL	0.77
hCG	37722 mIU/ml	1.11
DIA	199.8 pg/ml	0.88

### Risk Assessment (at term)

	1:18100	Cutoff
Down Syndrome	1:18100	1:250
Age alone	1:1340	
Equivalent Age Risk	<15.0	
OSB:	1:12100	1:721(2.00 MoMs)
Trisomy 18	1:99000	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.