



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

## Quardruple Screening

### PATIENT INFORMATION

NAME MRS, LAKHWINDER KAUR  
 PATIENT CODE: 011701070047  
 DOB: 04/17/77 (MMDDYY)  
 LMP: 09/22/16  
 EDD: 06/25/17  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 15 weeks 6 days  
 from BPD of 32.2 mm on 01/06/17  
 MATERNAL AGE AT TERM: 40.2 years  
 MATERNAL WEIGHT: 75.0 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: 01/07/17

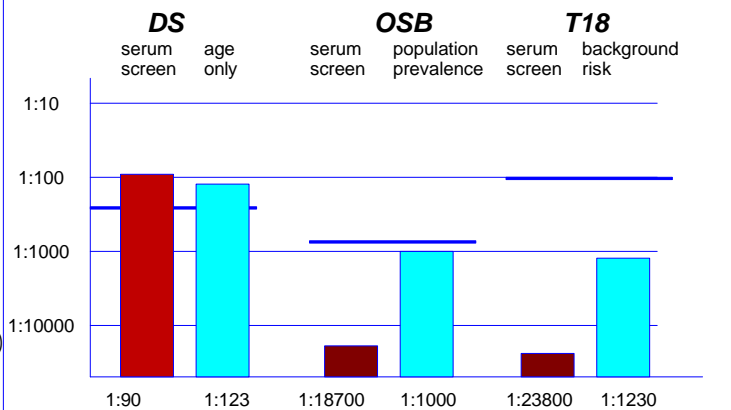
RECEIVED: 01/07/17

REFERRING LAB #: MOLQ LAB

REPORTED: 01/08/17

### CLINICAL RESULTS

First Trimester	Assay Results	MoM	Second Trimester	Assay Results	MoM
			AFP	18.0 ng/mL	0.80
			uE3	0.86 ng/mL	1.06
			hCG	53242 mIU/mL	1.60
			DIA	297.1 pg/ml	1.99
<b>Risk Assessment (at term)</b>			<b>Cutoff</b>		
Down Syndrome			<b>1:90</b>	<b>1:250</b>	
Age alone			1:123		
Equivalent Age Risk			41.3		
OSB:			1:18700	1:721(1.86 MoMs)	
Trisomy 18			1:23800	1:100	



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

#### DOWN SYNDROME

#### SCREEN POSITIVE

The risk of Down syndrome is GREATER than the screening cut-off. If the gestational age is confirmed, counselling regarding the risks and benefits of AMNIOCENTESIS is suggested.

#### 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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