



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

## Quadraple Screen

### PATIENT INFORMATION

NAME MRS, SANTOSH YADAV  
 PATIENT CODE: 011803200170  
 DOB: 30/12/86 (DDMMYY)  
 LMP: 02/11/17  
 EDD: 07/08/18  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 20 weeks 0 day  
 by U/S (12 wks 5 days on 28/01/18)  
 MATERNAL AGE AT TERM: 31.6 years  
 MATERNAL WEIGHT: 57.0 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: 20/03/18

RECEIVED: 20/03/18  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 21/03/18

## CLINICAL RESULTS

	Second Trimester	Assay Results	MoM	
	AFP	111.1 ng/mL	1.53	
	uE3	2.89 ng/mL	1.19	
	hCG	35385 mIU/ml	1.40	
	DIA	242.5 pg/ml	0.92	
<b>Risk Assessment (at term)</b>				
<b>Down Syndrome</b>	<b>&lt;1:50000</b>		<b>1:250</b>	
Age alone	1:785			
Equivalent Age Risk	<15.0			
OSB:	1:2530		1:721(1.87 MoMs)	
Trisomy 18	1:99000		1:100	

  

	DS serum screen	age only	OSB serum screen	population prevalence	T18 serum screen	background risk
1:10						
1:100						
1:1000						
1:10000						
	<1:50000	1:785	1:2530	1:1000	1:99000	1:7850

## 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.