



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

## Quadraple Screen

### PATIENT INFORMATION

NAME MRS KIRTI W/O ANKUR  
 PATIENT CODE: 011810060339  
 DOB: 31/05/87 (DDMMYY)  
 LMP: 28/05/18  
 EDD: 22/02/19  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 20 weeks 1 day  
 by U/S (19 wks 4 days on 02/10/18)  
 MATERNAL AGE AT TERM: 31.7 years  
 MATERNAL WEIGHT: 68.9 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: 06/10/18

RECEIVED: 06/10/18  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 07/10/18

## CLINICAL RESULTS

	Second Trimester	Assay Results	MoM	
	AFP	46.0 ng/mL	0.68	
	uE3	1.10 ng/mL	0.46	
	hCG	8360 mIU/ml	0.37	
	DIA	202.6 pg/ml	0.77	
<b>Risk Assessment (at term)</b>				
<b>Down Syndrome</b>	<b>~1:17700</b>		<b>1:250</b>	
Age alone	1:771			
Equivalent Age Risk	<15.0			
OSB:	1:22500		1:721(1.87 MoMs)	
Trisomy 18	1:116		1:100	

  

	DS serum screen	age only	OSB serum screen	population prevalence	T18 serum screen	background risk
~1:17700	1:771	1:22500	1:1000	1:116	1:7710	

## 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.