

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

## Quadurple Screen

PATIENT INFORMATION

NAME MRS. PRIYANKA W/O SATISH PATIENT CODE: 011806110284

DOB: 12/08/96 (DDMMYY)

SPECIMEN CODE: MOLQ LAB

COLLECTION DATE: 11/06/18

LMP: 18/12/17 EDD: 18/10/18 PHYSICIAN:

**SPECIMEN** 

RECEIVED: 11/06/18

REFERRING LAB #: MOLQ LAB

REPORTED: 12/06/18

**CLINICAL INFORMATION** 

GESTATIONAL AGE: 21 weeks 4 days by U/S (21 wks 1 days on 08/06/18) MATERNAL AGE AT TERM: 22.2 years

MATERNAL WEIGHT: 55.0 kg MATERNAL RACE: INDIAN

MATERNAL IDDM: Not specified (Non-diabetic assumed)

**GESTATION**: Singleton

SCREENING STATUS: Initial sample

PARA / GRAVIDA: 0 / 1

	Second Trimester	Assay Results	MoM		<b>DS</b> serum	age	serum	OSB population	serum	<b>T18</b> background
	AFP	103.7 ng/mL	1.00		screen	only	screen	prevalence	screen	risk
	uE3	1.10 ng/mL	0.31	1:10						
	hCG DIA	42717 mIU/ml 475.7 pg/ml	1.87 1.81							
	DIT	17017 pg/	1.01	1:100						
Risk Assessment (at term) Cutoff										
Down Syndrome	~1:4	9 1:250	)	1:1000						
Age alone	1:149	90								
Equivalent Age Risk	43	.5		1:10000						
OSB:	1:694	40 1:721	(1.76 MoMs)	1:10000						
Trisomy 18	~1:753	30 1:100	)							
					~1:49	1:1490	1:6940	1:1000	~1:7530	1:14900

## 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.