

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

## **Quadurple Screen**

PATIENT INFORMATION
NAME MRS, PARMILA

PATIENT CODE: 011801180148

SPECIMEN CODE: MOLQ LAB

DOB: 19/07/85 (DDMMYY)

LMP: 19/01/18 EDD: 09/06/18 PHYSICIAN:

**SPECIMEN** RECEIVED: 18/01/18

REFERRING LAB #: MOLQ LAB

COLLECTION DATE: 18/01/18 REPORTED: 19/01/18

**CLINICAL INFORMATION** 

GESTATIONAL AGE: 19 weeks 5 days by U/S (19 wks 0 days on 13/01/18) MATERNAL AGE AT TERM: 32.9 years

MATERNAL WEIGHT: 42.3 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	49.6 ng/mL	0.61		screen	only	screen	prevalence	screen	risk
	uE3 hCG DIA	1.97 ng/mL 97964 mIU/ml 469.7 pg/ml	0.82 3.32 1.79	1:10						
	DIA	407.7 pg/1111	1.79	1:100						_
Risk Assessment (at term) Cutoff				_						
Down Syndrome	1:3	3 <b>0</b> 1:250	)	1:1000						
Age alone	1:64	41								
Equivalent Age Risk	45	5.3		1.10000						
OSB:	1:4460	00 1:72	(1.96 MoMs)	1:10000						
Trisomy 18	<1:5790	00 1:100	)							
					1:30	1:641	1:44600	1:1000	<1:5790	0 1:6410

## 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.