# Molecular Quest Healthcare Pvt Ltd

## TRIPLE MARKER

NAME: MRS PREETI

PATIENT CODE: 012004200001 DOB: 08/12/99 (DDMMYY)

LMP:

EDD: 11/09/20 PHYSICIAN:

**SPECIMEN** 

SPECIMEN CODE: MOLQ COLLECTION DATE: 20/04/20 RECEIVED: 20/04/20 REFERRING LAB #: MOLQ

REPORTED: 20/04/20

### **CLINICAL INFORMATION**

GESTATIONAL AGE: 19 weeks 3 days by U/S (8 wks 0 days on 31/01/20)

MATERNAL AGE AT TERM: 20.8 years

MATERNAL WEIGHT: 55.0 kg MATERNAL RACE: ASIAN

MATERNAL HISTORY: IDDM(N), SMOKER(U), RH(N), VPA(U), SSRI(U), CBZ(U), IVF(N)

**GESTATION: Singleton** 

SCREENING STATUS: Initial sample

PARA / GRAVIDA: 0 / 1

CLINICAL RESULTS									
Assay	Results	MoM	DOWN SYNDROME			OPEN NEURAL TUBE DEFECT			
AFP	50.1 ng/mL	0.90		serum screen	age only			serum screen	population prevalence
uE3	1.98 ng/mL	1.03	Higher Risk		,	1:10			
ßhCG	8129.0 mIU/mL	0.27					Higher Risk		
						1:100	1:104 —		
			1:250				(2.47 MoM)		
Risk Assessment (at term)						1:1000			
NTD:		1:32700				- 1.1000			
Down Syndrome ~1:50		1:50000	Lower			4 40000	Lower		
Age al	one	1:1470	Risk			- 1:10000	Risk		
Equivalent Age Risk <15.0									
Trisomy 18 1:6360		1:6360		~1:50000	1:1470			1:32700	1:1000

# Interpretation\* (This is Screening Test Only Not a Diagnostics Confermatory Test)

# 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 NEURAL TUBE DEFECT 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.

Reviewed by	<i>r</i> -