# Molecular Quest Healthcare Pvt Ltd

## TRIPLE MARKER

NAME: MRS PREETI W/O SUNIL PATIENT CODE: 102007230005 DOB: 05/10/90 (DDMMYY)

LMP:

EDD: 09/12/20 PHYSICIAN:

SPECIMEN CODE: MOI

SPECIMEN CODE: MOLQ COLLECTION DATE: 23/07/20 RECEIVED: 23/07/20 REFERRING LAB #: MOLQ

REPORTED: 23/07/20

### **CLINICAL INFORMATION**

GESTATIONAL AGE: 20 weeks 1 day from BPD of 44.0 mm on 17/07/20

MATERNAL AGE AT TERM: 30.2 years MATERNAL WEIGHT: 58.0 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	76.8 ng/mL	1.29		serum screen	age only			serum screen	population prevalence
uE3	2.43 ng/mL	1.16	Higher			1:10			
ßhCG	71796.5 mIU/mL	2.70	Risk				Higher Risk		
			-			1:100	1:104 —		
			1:250				(2.40 MoM)		
Risk Assessment (at term)						_ 1:1000			
NTD:		1:5860							
Down Syndrome		1:6470	Lower Risk				Lower Risk		
Age alone		1:975				1:10000			
Equivalent Age Risk		<15.0	L						
Trisomy 18		<1:230000		1:6470	1:975			1:5860	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 b	v-