



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

## FIRST TRIMESTER DOUBLE MARKER

### PATIENT INFORMATION

NAME MRS BHUMIKA W/O ARUN FETUS 2  
 PATIENT CODE: 10386563  
 DOB: 23/02/90 (DDMMYY)  
 LMP: 19/07/18  
 EDD: 24/04/19  
 PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 12 weeks 2 days  
 by U/S (12 wks 1 days on 11/10/18)  
 MATERNAL AGE AT TERM: 29.2 years  
 MATERNAL WEIGHT: 68.6 kg  
 MATERNAL RACE: INDIAN  
 MATERNAL IDDM: Not specified (Non-diabetic assumed)  
 GESTATION: Twins - Chorionicity unknown  
 SCREENING STATUS: Initial sample  
 PARA / GRAVIDA: 0 / 1

### SPECIMEN

SPECIMEN CODE: MOLQ LAB  
 COLLECTION DATE: 12/10/18

RECEIVED: 12/10/18  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 13/10/18

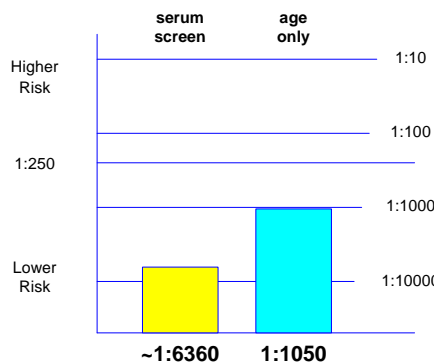
### CLINICAL RESULTS

Assay	Results	MoM
PAPP-A	3410 mIU/L	1.12
fβhCG	103.2 ng/ml	2.35
Ultrasound CRL	NT	MoM
Fetus A:	56.0 0.7 mm	0.47
Fetus B:	56.0 0.7 mm	0.47

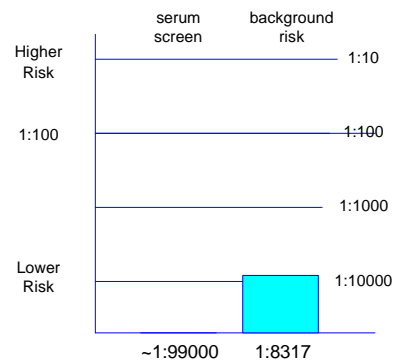
#### Risk Assessment (at term)

Down Syndrome	~1:6360
Age alone	1:1050
Fetus A:	~1:12800
Fetus B:	~1:12800
Trisomy 18/13	~1:99000
Fetus A:	~1:99000
Fetus B:	~1:99000

#### DOWN SYNDROME



#### TRISOMY 18/13



### Interpretation\* (based on partial information supplied)

#### DOWN SYNDROME

#### Screen Negative

This patient's relative risk for Down syndrome has been determined by dividing the assay results by the average analyte level in twin pregnancies, and then calculating the risk associated with a singleton pregnancy. This relative risk calculation places the patient below the screening cut-off for Down syndrome.

#### TRISOMY 18/13

#### Screen Negative

Accuracy of gestational age is essential for valid interpretation.