



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

Quadraple Screen

PATIENT INFORMATION

NAME MRS, VASUDHA
 PATIENT CODE: 011709290167
 DOB: 17/04/83 (DDMMYY)
 LMP: 21/05/17
 EDD: 19/02/18
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 19 weeks 4 days
 from BPD of 35.0 mm on 07/09/17
 MATERNAL AGE AT TERM: 34.8 years
 MATERNAL WEIGHT: 57.0 kg
 MATERNAL RACE: INDIAN
 MATERNAL IDDM: Not specified (Non-diabetic assumed)
 GESTATION: Twins
 SCREENING STATUS: Initial sample
 PARA / GRAVIDA: 0 / 1

SPECIMEN

SPECIMEN CODE: MOLQ LAB
 COLLECTION DATE: 29/09/17

RECEIVED: 29/09/17
 REFERRING LAB #: MOLQ LAB
 REPORTED: 30/09/17

CLINICAL RESULTS

Assay	Results	MoM
AFP	169.7 ng/mL	2.56
uE3	3.22 ng/mL	1.46
hCG	71054.0 mIU/ml	2.69
DIA	505.0 pg/ml	1.94
Risk Assessment (at term)		
OSB:		1:5600
Down Syndrome		~1:3900
Age alone		1:442
Trisomy 18		~1:99000

DOWN SYNDROME	
serum screen	age only
~1:3900	1:442

OPEN SPINA BIFIDA	
serum screen	population prevalence
1:5600	1:439

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.

OPEN SPINA BIFIDA

Screen Negative

The maternal serum AFP result is NOT elevated for a TWIN pregnancy of this gestational age. The risk of an open neural tube defect is less than the risk at the TWIN screening cut-off. Twin pregnancies have serum AFP concentrations that are twice those seen in singleton pregnancies.

TRISOMY 18

Screen Negative

Accuracy of gestational age is essential for valid interpretation.