



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

Quadraple Screen

PATIENT INFORMATION

NAME MRS. RASHMI TIWARI
 PATIENT CODE: 011805170163
 DOB: 23/09/86 (DDMMYY)
 LMP: 17/12/17
 EDD: 28/09/18
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 20 weeks 6 days
 by U/S (20 wks 1 days on 12/05/18)
 MATERNAL AGE AT TERM: 32.0 years
 MATERNAL WEIGHT: 63.7 kg
 MATERNAL RACE: INDIAN
 MATERNAL IDDM: Not specified (Non-diabetic assumed)
 GESTATION: Singleton
 SCREENING STATUS: Initial sample
 PARA / GRAVIDA: 0 / 1

SPECIMEN

SPECIMEN CODE: MOLQ LAB
 COLLECTION DATE: 17/05/18

RECEIVED: 17/05/18
 REFERRING LAB #: MOLQ LAB
 REPORTED: 18/05/18

CLINICAL RESULTS

	Second Trimester	Assay Results	MoM
AFP		53.0 ng/mL	0.64
uE3		1.33 ng/mL	0.46
hCG		10240 mIU/ml	0.46
DIA		240.1 pg/ml	0.90

Risk Assessment (at term)	Cutoff
Down Syndrome	1:250
Age alone	1:739
Equivalent Age Risk	<15.0
OSB:	1:22100
Trisomy 18	1:272

DS serum screen	age only	OSB serum screen	population prevalence	T18 serum screen	background risk
1:6680	1:739	1:22100	1:1000	1:272	1:7390

Interpretation* (based on partial information supplied)

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 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.

Accuracy of gestational age is essential for valid interpretation.