



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

Quadraple Screen

PATIENT INFORMATION

NAME MRS, GUNJAN
 PATIENT CODE: 021708280020
 DOB: 16/08/88 (DDMMYY)
 LMP: 25/04/17
 EDD: 30/01/18
 PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 17 weeks 6 days
 by U/S (13 wks 6 days on 31/07/17)
 MATERNAL AGE AT TERM: 29.5 years
 MATERNAL WEIGHT: 72.0 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: 28/08/17

RECEIVED: 28/08/17
 REFERRING LAB #: molq lab
 REPORTED: 29/08/17

CLINICAL RESULTS

Assay	Results	MoM	DOWN SYNDROME		OPEN SPINA BIFIDA	
			serum screen	age only	serum screen	population prevalence
AFP	81.5 ng/mL	2.02				
uE3	1.10 ng/mL	0.78				
hCG	30128.0 mIU/ml	1.06				
DIA	138.2 pg/ml	0.57				
Risk Assessment (at term)						
OSB:		1:678				
Down Syndrome		<1:50000				
Age alone		1:1020				
Equivalent Age Risk		<15.0				
Trisomy 18		~1:99000				

Interpretation* (based on partial information supplied)

OPEN SPINA BIFIDA

SCREEN POSITIVE

The maternal serum AFP result is ELEVATED for a pregnancy of this gestational age. This indicates an increased risk of an open neural tube defect. Counselling is indicated regarding further investigations, including a detailed fetal ultrasound and in some cases amniocentesis.

DOWN SYNDROME

Screen Negative

The risk of Down syndrome is LESS than the screening cut-off. No follow-up is indicated regarding this result.

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.