



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

**Quadraple Screen**

*PATIENT INFORMATION*

NAME MRS HANSI GUPTA  
 PATIENT CODE: 011711230031  
 DOB: 03/12/89 (DDMMYY)  
 LMP: 03/08/17  
 EDD: 03/05/18  
 PHYSICIAN:

**CLINICAL INFORMATION**

GESTATIONAL AGE: 17 weeks 0 day  
 by U/S (14 wks 2 days on 04/11/17)  
 MATERNAL AGE AT TERM: 28.4 years  
 MATERNAL WEIGHT: 69.0 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: 23/11/17

RECEIVED: 23/11/17  
 REFERRING LAB #: MOLQ LAB  
 REPORTED: 24/11/17

**CLINICAL RESULTS**

	Second Trimester	Assay Results	MoM	
	AFP	34.9 ng/mL	1.02	
	uE3	0.71 ng/mL	0.61	
	hCG	18150 mIU/ml	0.55	
	DIA	75.3 pg/ml	0.33	

  

	DS serum screen	age only	OSB serum screen	population prevalence	T18 serum screen	background risk
	1:47500	1:1130	1:31000	1:1000	1:7840	1:11300

  

Risk Assessment (at term)	Cutoff
Down Syndrome	1:250
Age alone	1:1130
Equivalent Age Risk	<15.0
OSB:	1:721(2.00 MoMs)
Trisomy 18	1:100

**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.*