

Molecular Quest Healthcare Pvt Ltd

QUADRUPLE MARKER

NAME: MRS LAXMI

PATIENT CODE: 012006220047 DOB: 01/12/94 (DDMMYY)

I MP

EDD: 05/11/20 PHYSICIAN:

SPECIMENRECEIVED: 22/06/20SPECIMEN CODE: MOLQREFERRING LAB #: MOLQ

COLLECTION DATE: 22/06/20 REPORTED: 25/06/20

CLINICAL INFORMATION

GESTATIONAL AGE: 20 weeks 4 days from BPD of 48.0 mm on 22/06/20

MATERNAL AGE AT TERM: 25.9 years

MATERNAL WEIGHT: 46.0 kg MATERNAL RACE: ASIAN

MATERNAL HISTORY: IDDM(N), SMOKER(U), RH(N), VPA(U), SSRI(U), CBZ(U), IVF(N)

GESTATION: Twins

SCREENING STATUS: Initial sample

PARA / GRAVIDA: 0 / 1

CLINICAL RESULTS		*MoMs adjusted for twins							
Assay	Results	MoM*	DOWN SYNDROME				OPEN NEURAL TUBE DEFECT		
AFP	186.2 ng/mL	1.22		serum screen	age only			serum screen	population prevalence
uE3	4.52 ng/mL	1.17	Higher Risk			1:10	Higher Risk		
ßhCG	55628.0 mIU/mL	1.01							
InhA	879 pg/ml	2.00				1:100	_		
Risk Assessment (at term)			1:250			4.4000			
NTD:		1:3290				— 1:1000			
Down Syndrome ~1 Age alone		1:16300	Lower Risk			- 1:10000	Lower		
		1:1320				1.10000	Risk		
Trisomy 18 ~1		1:234000		~1:16300	1:1320			1:3290	1:439

Interpretation* (This is Screening Test Only Not a Diagnostics Confermatory Test)

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 NEURAL TUBE DEFECT 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

Reviewed by:_	
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