



QUADRUPLE MARKER

PATIENT INFORMATION

NAME: Mrs. RAKHI 10390889
PATIENT CODE: C6798491
DOB: 15/07/1999 (DDMMYYYY)
LMP:
PHYSICIAN:

CLINICAL INFORMATION

GESTATIONAL AGE: 22 weeks 5 days by U/S (22 wks 2 days on 10/09/2025)
MATERNAL AGE AT TERM: 26.5 years
MATERNAL WEIGHT: 42.7 kg
MATERNAL RACE: INDIAN
MATERNAL HISTORY: IDDM(N), SMOKER(N), RH(N), VPA(U), SSRI(U),
CBZ(U), IVF(N)
GESTATION: Singleton
SCREENING STATUS: Initial sample
PARA / GRAVIDA: 0 / 1

SPECIMEN

SPECIMEN CODE: NA
COLLECTION DATE: 13/09/2025

RECEIVED: 13/09/2025
REFERRING LAB #: NA
REPORTED: 14/09/2025

CLINICAL RESULTS

	Second Trimester	Assay Results	MoM	
	AFP	134.5 ng/mL	1.35	
	uE3	2.45 ng/mL	0.82	
	hCG	28.9 IU/mL	1.18	
	DIA	457.9 pg/ml	1.73	
Risk Assessment (at term)		Cutoff		
Down Syndrome	1:7570	1:250		
Age alone	1:1290			
Equivalent Age Risk	<15.0			
OSB:	1:1730	1:104(2.31 MoMs)		
Trisomy 18	1:99000	1:100		

DS
serum screen
age only

OSB
serum screen
population prevalence

T18
serum screen
background risk

Interpretation*

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.

Comments:

Accuracy of gestational age is essential for valid interpretation.

Reviewed by: _____