



## QUADRUPLE MARKER

### PATIENT INFORMATION

NAME: Mrs. ARTI SINGH 10395328  
PATIENT CODE: D190515  
DOB: 07/06/1995 (DDMMYYYY)  
LMP:  
PHYSICIAN:

### CLINICAL INFORMATION

GESTATIONAL AGE: 17 weeks 1 day from BPD of 37.0 mm on 04/11/2025  
MATERNAL AGE AT TERM: 30.9 years  
MATERNAL WEIGHT: 56.6 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: 04/11/2025

RECEIVED: 04/11/2025  
REFERRING LAB #: NA  
REPORTED: 05/11/2025

### CLINICAL RESULTS

	Second Trimester	Assay Results	MoM	
	AFP	25.0 ng/mL	0.61	
	uE3	1.43 ng/mL	1.08	
	hCG	16.4 IU/mL	0.42	
	DIA	155.8 pg/ml	0.81	
<b>Risk Assessment (at term)</b>		<b>Cutoff</b>		
Down Syndrome	1:7590	1:250		
Age alone	1:898			
Equivalent Age Risk	<15.0			
OSB:	1:63400	1:104(2.50 MoMs)		
Trisomy 18	1:14100	1:100		

**DS**  
serum screen  
age only

**OSB**  
serum screen  
population prevalence

**T18**  
serum screen  
background risk

Condition	Risk Ratio	Cutoff
Down Syndrome	1:7590	1:250
Age alone	1:898	
OSB	1:63400	1:104(2.50 MoMs)
Trisomy 18	1:14100	1:100

### 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: \_\_\_\_\_