

# KOS Diagnostic Lab, (A Unit of KOS Healthcare)

## Quadruple Marker

Patient Name: **SHIVALIKA**  
 Race: Indian  
 Physician:

Code: 10533229  
 DOB: 01/03/99  
 Reported: 31/03/25

### CLINICAL INFORMATION

Estimation Method: by U/S on 31/03/25  
 Age at Term: 26.5 years  
 EDD: 28/08/25  
 Gestation: Singleton  
 Maternal History: IDDM(N), SMOKER(N), IVF(N)  
 Gestational Age: 18 weeks 4 days  
 Specimen Code: KOS LAB  
 Specimen Date: 31/03/25  
 Received Date: 31/03/25  
 Weight: 58.0 kg  
 Screening Status: Initial sample  
 Para / Gravida: 0 / 1

### REMARKS

#### Down Syndrome

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

#### NTD

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.

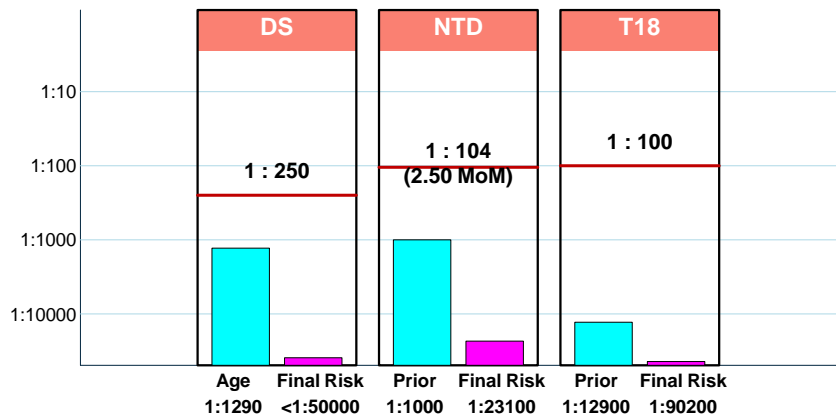
#### Trisomy 18

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.

### BIOCHEMISTRY

MARKER	RESULT	MoM
AFP	56.8 ng/mL	1.11
uE3	1.88 ng/mL	1.15
hCG	14385 mIU/mL	0.49
DIA	188 pg/ml	0.90

### CLINICAL RESULTS (at term)



### INTERPRETATION

**Down Syndrome: Screen Negative**  
**NTD: Screen Negative**  
**Trisomy 18: Screen Negative**