

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

## Quadruple Marker

Patient Name: **JUHI MEHRA**  
 Race: Indian  
 Physician:

Code: **A0494053**  
 DOB: **01/03/98**  
 Reported: **27/03/25**

### CLINICAL INFORMATION

Estimation Method: from BPD of 46.0 mm on 23/03/25  
 Age at Term: 27.4 years  
 EDD: 11/08/25  
 Gestation: Singleton  
 Maternal History: IDDM(N), SMOKER(N), IVF(N)  
 Gestational Age: 20 weeks 2 days  
 Specimen Code: KOS LAB  
 Specimen Date: 26/03/25  
 Received Date: 27/03/25  
 Weight: 74.8 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.

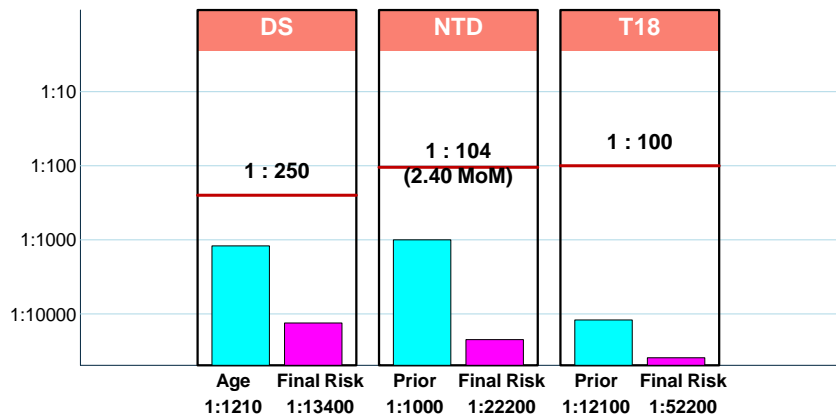
#### Trisomy 18

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	40.9 ng/mL	0.74
uE3	1.92 ng/mL	0.93
hCG	12893 mIU/mL	0.58
DIA	194 pg/ml	0.84

### CLINICAL RESULTS (at term)



### INTERPRETATION

**Down Syndrome: Screen Negative**

**NTD: Screen Negative**

**Trisomy 18: Screen Negative**