

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

## Quadruple Marker

Patient Name: **SONIA**

Race: Indian

Physician:

Code: A0494169

DOB: 17/05/97

Reported: 01/04/25

### CLINICAL INFORMATION

**Estimation Method:** from BPD of 46.0 mm on 26/03/25  
**Age at Term:** 28.2 years  
**EDD:** 14/08/25  
**Gestation:** Singleton  
**Maternal History:** IDDM(N), SMOKER(N), IVF(N)  
**Gestational Age:** 20 weeks 4 days  
**Specimen Code:** KOS LAB  
**Specimen Date:** 31/03/25  
**Received Date:** 01/04/25  
**Weight:** 74.0 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.

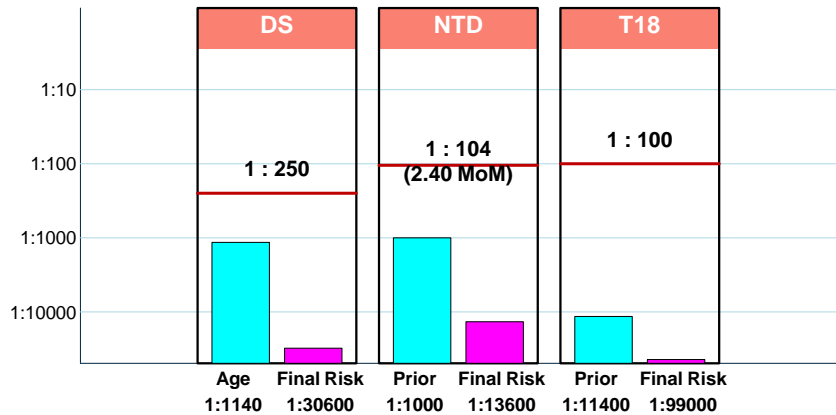
#### Trisomy 18

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	59.0 ng/mL	1.02
uE3	2.31 ng/mL	1.07
hCG	18594 mIU/mL	0.84
DIA	203 pg/ml	0.86

### CLINICAL RESULTS (at term)



### INTERPRETATION

Down Syndrome: **Screen Negative**

NTD: **Screen Negative**

Trisomy 18: **Screen Negative**