

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

## Quadruple Marker

Patient Name: **ARCHANA**  
 Race: Indian  
 Physician:

Code: 10532957  
 DOB: 17/04/02  
 Reported: 29/03/25

### CLINICAL INFORMATION

Estimation Method: from BPD of 47.9 mm on 27/03/25  
 Age at Term: 23.3 years  
 EDD: 11/08/25  
 Gestation: Singleton  
 Maternal History: IDDM(N), SMOKER(N), IVF(N)  
 Gestational Age: 20 weeks 4 days  
 Specimen Code: KOS LAB  
 Specimen Date: 28/03/25  
 Received Date: 29/03/25  
 Weight: 43.0 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.

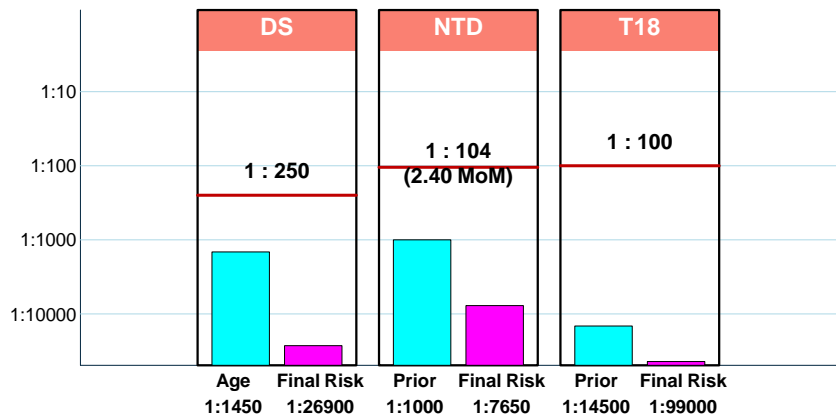
#### Trisomy 18

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	94.4 ng/mL	1.21
uE3	3.03 ng/mL	1.25
hCG	56237 mIU/mL	1.95
DIA	331 pg/ml	1.40

### CLINICAL RESULTS (at term)



### INTERPRETATION

Down Syndrome: **Screen Negative**

NTD: **Screen Negative**

Trisomy 18: **Screen Negative**