

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

## Quadruple Marker

Patient Name: **CHINKI**

Race: Indian

Physician:

Code: Y0641879

DOB: 24/11/96

Reported: 01/04/25

### CLINICAL INFORMATION

Estimation Method: from BPD of 42.3 mm on 26/03/25

Age at Term: 28.7 years

EDD: 22/08/25

Gestation: Singleton

Maternal History: IDDM(N), SMOKER(N), IVF(N)

Gestational Age: 19 weeks 3 days

Specimen Code: KOS LAB

Specimen Date: 31/03/25

Received Date: 01/04/25

Weight: 80.3 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    | 44.5 ng/mL   | 0.96 |
| uE3    | 2.14 ng/mL   | 1.22 |
| hCG    | 17526 mIU/mL | 0.78 |
| DIA    | 148 pg/ml    | 0.68 |

### INTERPRETATION

Down Syndrome: **Screen Negative**

NTD: **Screen Negative**

Trisomy 18: **Screen Negative**

### CLINICAL RESULTS (at term)

