

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

## Quadruple Marker

Patient Name: **NEHA BHOTAY**

Race: Indian

Physician:

Code: Y0595997

DOB: 03/01/91

Reported: 29/03/25

### CLINICAL INFORMATION

Estimation Method: from BPD of 43.0 mm on 26/03/25

Age at Term: 34.6 years

EDD: 21/08/25

Gestation: Singleton

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

Gestational Age: 19 weeks 1 day

Specimen Code: KOS LAB

Specimen Date: 28/03/25

Received Date: 28/03/25

Weight: 61.6 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    | 47.5 ng/mL   | 0.89 |
| uE3    | 2.09 ng/mL   | 1.17 |
| hCG    | 65744 mIU/mL | 2.45 |
| DIA    | 306 pg/ml    | 1.43 |

### INTERPRETATION

Down Syndrome: **Screen Negative**

NTD: **Screen Negative**

Trisomy 18: **Screen Negative**

### CLINICAL RESULTS (at term)

