

### Down's syndrome screening program (Quadruple Marker)

Patient: . **MS.NEHA** .

ID. No.: 970 -

DOB: **01-07-1990** ; maternal age at EDD: **34** years. EDD:10-02-2025.

Gestational age based on biometries: BPD of 41.4 mm, which is equivalent to 18 weeks and 4 days at date of ultrasound: 13-09-2024 .Real gestational age at screening date: **19 weeks and 0 days**.

Screening date: **16-09-2024**. Single-fetus pregnancy.

Screening profile: Roche : Quad Marker. Software used: SsdwLab 5.0.14.

#### Gaussian markers

Level of **Alpha-fetoprotein** 88.48 ng/ml at 16-09-2024 : **1.71** MoM.

Level of **hCG + beta** 15167 mIU/ml at 16-09-2024 : **0.85** MoM.

Level of **uE3** 4.8 ng/ml at 16-09-2024 : **2.73** MoM. (Truncated to 2.5 MoM in trisomy 18-13 Risk calculations).

Level of **Inhibin A** 208.8 pg/ml at 16-09-2024 : **1.09** MoM.

Marker values have been corrected by, weight (56.9 Kg).

**Down's syndrome Risk; 1 : 1486** calculated as Risk at delivery date. **Low Risk**. The maternal age related risk for Down's syndrome is 1: 463 .

**Edwards' and Patau's syndrome Risk; Less than 1 : 100000** calculated as Risk at delivery date. **Low Risk**.

**Neural Tube Defect Risk; Low Risk.**

**18-09-2024**

Screening requested by:

DR.UMAR SIR , 0149.

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Age Risk	1:463	
T. 21 Risk	1: 1486	
T. 18-13 Risk	1: 100000	
Low Risk	1 : 270	High Risk