

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

Patient: **RANI MS.YOGITA .**

ID. No.: 1296 -

DOB: **16-09-1991** ; maternal age at EDD: **33** years. EDD:30-08-2025.

Gestational age based on biometries: BPD of 47 mm, which is equivalent to 20 weeks and 2 days at date of ultrasound: 14-04-2025 .Real gestational age at screening date: **20 weeks and 5 days.**

Screening date: **17-04-2025**. Single-fetus pregnancy.

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

#### Gaussian markers

Level of **Alpha-fetoprotein** 58.46 ng/ml at 17-04-2025 : **1.12** MoM.

Level of **hCG + beta** 33106 mIU/ml at 17-04-2025 : **2.64** MoM. (Truncated to 2.5 MoM in trisomy 18-13 Risk calculations).

Level of **uE3** 3.14 ng/ml at 17-04-2025 : **1.4** MoM.

Level of **Inhibin A** 238 pg/ml at 17-04-2025 : **1.42** MoM.

Marker values have been corrected by, weight (72 Kg), Asian.

**Down's syndrome Risk; 1 : 380** calculated as Risk at delivery date. **Low Risk.** The maternal age related risk for Down's syndrome is 1: 527 .

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

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

**18-04-2025**

Screening requested by:

DR.VIJAY LAXMI BHANUDA, 067.

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|               |           |           |
|---------------|-----------|-----------|
| Age Risk      | 1:527     |           |
| T. 21 Risk    | 1: 380    |           |
| T. 18-13 Risk | 1: 100000 |           |
| Low Risk      | 1 : 270   | High Risk |