

|                |                      |                     |                       |
|----------------|----------------------|---------------------|-----------------------|
| Patient Name   | : Ms.ELAF TARIQ      | Visit No            | : CHA250042910        |
| Age/Gender     | : 21 Y/F             | Registration ON     | : 10/Mar/2025 11:45AM |
| <b>Lab No</b>  | <b>: 10140205</b>    | Sample Collected ON | : 10/Mar/2025 11:45AM |
| Referred By    | : Dr.UZMA MUBASHSHIR | Sample Received ON  | :                     |
| Refer Lab/Hosp | : CHARAK NA          | Report Generated ON | : 10/Mar/2025 12:47PM |

### **ULTRASOUND STUDY OF OBSTETRICS**

- LMP is 12/07/2024 EGA by LMP is 34 weeks + 3 days.
- Single live intrauterine foetus is seen in longitudinal lie cephalic presentation.
- Foetal heart rate is 136/min.
- Foetal gestation age is
  - BPD 88 mm 35 weeks + 5 days
  - HC 325mm 36 weeks + 6 days
  - AC 313mm 35 weeks + 2 days
  - FL 69mm 35 weeks + 5 days
- Placenta is posterior in upper uterine segment and shows grade III maturity changes.
- No gross congenital anomaly is seen.
- Amniotic fluid is adequate. AFI = 13 cm.
- EFW is approximately 2722gms ( $\pm$  397gms).
- EDD is approximately 08/04/2025.
- No evidence of cord is seen around fetal neck at the time of examination.

### **COLOUR & PULSED DOPPLER STUDY**

- The umbilical artery flow is within normal limits.
- The flow in the umbilical vein is normal. There is no pulsatility.
- The foetal MCA flow is within normal limits.
- The cerebro-placenta ratio is within normal limits ( $>1$ ).
- The flow in the foetal aorta and IVC show normal flow and spectral pattern.
- Ductus venosus shows normal wave form.



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**COLOUR & PULSED DOPPLER STUDY**

|                   | <b><u>MCA</u></b> | <b><u>UA</u></b> | <b><u>RT UT</u></b> | <b><u>LT UT</u></b> |
|-------------------|-------------------|------------------|---------------------|---------------------|
| <b><u>PS</u></b>  | 54cm/ sec         | 37cm/sec         | 133cm/sec           | 85cm/sec            |
| <b><u>ED</u></b>  | 12cm/sec          | 15cm/sec         | 85cm/sec            | 48cm/sec            |
| <b><u>S/D</u></b> | 4.5               | 2.3              | 1.5                 | 1.7                 |
| <b><u>RI</u></b>  | 0.7               | 0.5              | 0.3                 | 0.4                 |
| <b><u>PI</u></b>  | 1.5               | 0.8              | 0.4                 | 0.5                 |

**OPINION:**

- **SINGLE LIVE FOETUS OF 35 WEEKS + 6 DAYS (± 2.3 WEEKS) WITH NORMAL COLOUR AND PULSED DOPPLER STUDY AS DESCRIBED ABOVE.**

Note:-- I Dr. Atima Srivastava, declare that while conducting ultrasound study of Mrs. Elaf Tariq, I have neither detected nor disclosed the sex of her foetus to anybody in any manner. All congenital anomalies can't be excluded on ultrasound.

**Clinical correlation is necessary.**

**[DR. ATIMA SRIVASTAVA]  
[MBBS, DNB (OBSTETRICS AND GYNAECOLOGY)]  
[PDCC MATERNAL AND FETAL MEDICINE (SGPGIMS LUCKNOW)]**

Transcribed By: Purvi

\*\*\* End Of Report \*\*\*

**CHARAK**

