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Doc No. : LPL/R/QF/2712



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MATERNAL SERUM SCREEN 2 ☐ / 3 ☐ / 4 ☒ REQUISITION FORM
(Form-11) (PLEASE TICK REQUESTED TEST)

Patient's Name : Mr. Pushpanjali Chakraborty Sample Collection Date: 22/02/2025

Lab No. :

Tel. No. 9301196232 Ref. Doctor's Name Dr. Shradha Mishra

D.O.B.(Day/Month/Year) : 16/06/2005

L.M.P.(Day/Month/Year) : 08/09/2024

Gestational age by Ultrasound (in weeks/days) : 20 w 0 d. Date of Ultrasound 22/02/2025

Nuchal thickness (in mm) : CRL (in mm).....

Nasal bone (Present / Absent) :

(Attach photocopy of Nasal Bone (Present / Absent) Ultrasound report) :

Weight : 49.3 kg

Diabetic Status : No
(On Insulin)

☒ / Yes

☐

Smoking : No

☒ / Yes

☐

Gestation : Single

☒ / Twins

☐

Race : Asian

☒ /

African ☐

Caucasian

☐

Others ☐

IVF : No

☒ /

Yes

☐

: If yes - Own eggs ☐ / Donor eggs

☐

If yes (Provide D.O.B. of donor)

Patient sample : Initial

☒ /

Repeat

☐

H/O Neural Tube defect in Previous Pregnancy No

☒ / Yes

☐

H/O Trisomy 13/18/21 in Previous Pregnancy No

☒ / Yes

☐

CHEST

Heart:

Heart size, position and axis: Normal

Four-chamber view: Normal

Left ventricular outflow tract: Normal

Right ventricular outflow tract: Normal

Lungs: normal in size and echogenicity.

No evidence of pleural/ pericardial effusion.

ABDOMEN

Stomach bubble is present and appears normal in size and situs.

Both kidneys are normal

Urinary bladder: Normal

3 vessel cord- visualised and appears normal.

Cord insertion- Normal.

SPINE

Cervical, thoracic, lumbar, and sacral spine appears normal.

EXTREMITIES

All 12 bones are visualized and appears normal.

Hands and feet: Present

	PI	RI	S/D
Right Uterine Artery	0.6	0.4	1.7
Left Uterine Artery	0.9	0.5	3.2

No early diastolic notch seen on either side.

IMPRESSION:

- **SINGLE, LIVE, INTRAUTERINE GESTATION OF 20 WEEKS 02 DAYS.**
- **No gross anomaly seen.**
- Patient-specific risk for Down syndrome probability 1 in 1140.

Please correlate clinically.

For cardiac anomalies evaluation, dedicated fetal 2D echo is recommended.

I Dr. Vineet Maheshwari declare that while conducting USG scanning of Mrs. Pushpanjali Thakur, I have neither detected nor discussed the sex of her foetus to anybody in any manner.

Dr. Ravindra Deshmukh
DNB Radiodiagnosis


Dr. Vineet Maheshwari
DNB, DMRD, (FRCR)

NAME / ID	Mrs. Pushpanjali Thakur/ 1YTW8W	AGE / SEX	20/YRS / F
REFERRED BY	Dr. Shraddha Mishra mam	DATE	21/01/2025

OBSTETRIC ULTRASOUND WITH MALFORMATION SCAN

LMP- 03/09/2024 (GA by LMP- 20 weeks 0 day)

The real time, B mode, sonography of gravid uterus was performed along with detailed evaluation of fetal anatomical parts.

There is a single, live, intrauterine gestation.

Presentation : Breech
Lie : Longitudinal
Foetal Spine : Changing
HR : 150 BPM

FOETAL PARAMETERS :

B.P.D. : 48 mms. compatible with 20 Wks 04 dys.
Head circumference : 179 mms. compatible with 20 Wks 03 dys.
Abdominal Circumference : 145 mms. compatible with 19 Wks 06 dys.
Femur : 31 mms. compatible with 19 Wks 06 dys.
Tibial length : 28 mms. compatible with 20 Wks 02 dys.
Fibula length : 29 mms. compatible with 20 Wks 04 dys.
Humerus length : 33 mms. compatible with 21 Wks 02 dys.
Radius length : 27 mms. compatible with 20 Wks 01 dys.
Ulna length : 28 mms. compatible with 20 Wks 03 dys.
Estimated Foetal Weight : 323 gm +/- 47 gm
U.S.G.E.D.D : 08/06/2025
Placenta : Anterior, (Grade I maturity)
Amniotic Fluid : Adequate (12 cm)
Cervical length is 3.3 cm. Internal OS closed.

FETAL ANATOMY

HEAD, NECK AND FACE

Lateral cerebral ventricles : measures 5.9 mm.
Choroid plexus : Normal
Midline falx: visualised and appears normal.
Cavum septi pellucidum: visualised and appears normal.
Cerebellum: appears normal and trans cerebellar diameter measures 21 mm.
Cisterna magna: appears normal and measures 2.5 mm.
Nuchal fold thickness: 5 mm.
Nasal bone: visualised and is normal and measures 4.3 mm
Lips: visualised and appears normal.