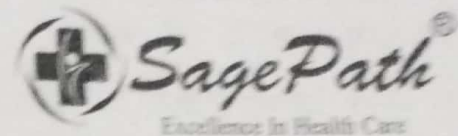


TEST REQUISITION FORM (TRF)



Patient Details (PLEASE FILL IN CAPITAL LETTERS ONLY):

Name: MRS. PREET MANGWANI

Age: 27 Yrs: _____ Months _____ Days

Sex: Male ☐ Female ☒ Date of Birth: ☐☐ ☐☐ ☐☐ ☐☐

Ph: _____

Client Details:

SPP Code SPUG015

Customer Name R7 Pathology

Customer Contact No _____

Ref Doctor Name B. DUBEY (MD)

Ref Doctor Contact No _____

Specimen Details:

Sample Collection date:	Specimen Temperature:	Sent	Frozen (<20°C) ☐	Refrigerator (2-8°C) ☐	Ambient (18-22°C) ☐
Sample Collection Time: AM / PM		Received	Frozen (<20°C) ☐	Refrigerator (2-8°C) ☐	Ambient (18-22°C) ☐
Test Name / Test Code		Sample Type		SPL Barcode No	
<u>Quadruple marker</u>		<u>Serum</u>		<u>24132623</u>	
<u>D.O.B - 25/08/1995</u>					

Clinical History:

LMP, 05/01/2023, weight. 64 kg

Height, 5'2 ft

No. of Samples Received: 04
Received by: _____

Note: Attach duly filled respective forms viz. Maternal Screening form (for Dual, Triple & Quad markers), HIV consent form, Karyotyping History form, IHC form, HLA Typing form along with TRF.

NAME :SMT.PREET MANGWANI
REF.BY :DR(MRS)B.DUBEY
LMP :05/01/2023 EDD:12/10/2023

AGE/SEX :27YRS/F
DATE :25/05/2023
LMP GUIDED GA : 20 WEEKS

INDICATION NO 10 :TO R/O CONGENITAL MALFORMATIONS IN FETUS.

LEVEL II T.I.F.F.A SCAN (TARGETED IMAGING FOR FETAL ANOMALIES):

REAL-TIME B-MODE OBSTETRIC SCANNING REVEALS:
SINGLE INTRA-UTERINE GESTATION, UNSTABLE LIE AND PRESENTATION,
SPINE ANTERIOR.
FETAL CARDIAC ACTIVITY AND ACTIVE LIMB MOVEMENTS VISUALISED WELL.
FHR :150 /MIN.REGULAR.
PLACENTA IS ANTERIOR, AWAY FROM INTERNAL OS.
PLACENTA APPEARED NORMAL IN SIZE;THICKNESS 3 CM.

LIQUOR AMNII IS CLEAR AND ADEQUATE IN QUANTITY.
SINGLE VERTICAL POCKET MEASURED : 4.8 CM (NORMAL 2-8CM).

FETAL GROWTH PARAMETERS :

BPD MEASURED : 4.6CM ; 20.1WKS
HC MEASURED : 18.0CM ; 20.3WKS
AC MEASURED : 15.9CM ; 21WKS
FL MEASURED : 3.5CM ; 21WKS

EXTENDED BIOMETRY:
CEREBELLUM: 2.11 CM
CISTERNA MAGNA:0.44CM
NUCHAL FOLD: 0.34 CM
NASAL BONE: 0.60 CM
Va:0.46CM

CGA BY USG: 20-21 WEEKS (CORRESPONDS WELL WITH PERIOD OF AMENORRHOEA)
USG GUIDED EDD:12/10/2023

FETAL WEIGHT : 390 GMS(+ - 10 % ; 91ST %ILE).
MANNING SCORE (BIO-PHYSICAL PROFILE) : 8/8

FETAL ANATOMY SCAN:

HEAD: CRANIAL BONES WELL FORMED; VENTRICULAR SYSTEM NOT DILATED; CEREBRAL AND CEREBELLAR HEMISPHERES: NORMAL; CISTERNA MAGNA : NORMAL. NO SOL SEEN.
FACE: ORBITS, NOSE AND LIPS APPEARED NORMAL; PRE-MAXILLARY TRIANGLE APPEARS NORMAL; NO E/S/O CLEFT LIP/PALATE.
NECK: APPEARED NORMAL; NO CYSTIC MASS SEEN.
SPINE: NORMAL ALIGNMENT OF VERTEBRAE; NO OBVIOUS OPEN NEURAL TUBE DEFECTS.
THORAX: BOTH LUNGS APPEARED NORMAL; NO E/O PLEURAL/ PERICARDIAL EFFUSION. NO E/O SOL. NO E/O DIAPHRAGMATIC HERNIA.
HEART : NORMAL CARDIAC SITUS; FOUR CHAMBER VIEW NORMAL; OUTFLOW TRACTS AND GREAT VESSEL ORIGIN APPEARED NORMAL.
ABDOMEN: SITUS APPEARED NORMAL; ABD. WALL WELL FORMED; LIVER, G.B AND STOMACH BUBBLE APPEARED NORMAL. NORMAL BOWEL PATTERN SEEN; NO ASCITES.
URINARY TRACT: BOTH KIDNEYS APPEARED NORMAL IN SIZE; NO P.C.S DILATATION. URINARY BLADDER WELL FILLED.
PERIPHERIES: ALL FETAL LONG BONES VISUALISED AND APPEARED NORMAL.
BOTH FEET APPEARED NORMAL.
UMBILICAL CORD: THREE VESSEL CORD WITH TWO ARTERIES AND ONE VEIN SEEN.

(PAGE 1; CONTINUED ON PAGE 2)

Dr. Shailaja Ghosh
MBBS, FCGP, MIFUMB, CBT
PCPNDT REG No. BILA1019
Ph. No. : 07752 409352
Mobile No. 99268 09744

(PAGE 2)

FETAL COLOUR-DOPPLER STUDY REVEALS:

ADEQUATE DIASTOLIC BLOOD FLOW IN UMBILICAL ARTERY.
UMBILICAL ARTERY P.I : 1.37 (67TH % ILE).
RT.UTERINE ARTERY :P.I. :1.12
LEFT UTERINE ARTERY: P.I:1.14
MEAN UTERINE ARTERY P.I : 84TH % ILE(HIGH NORMAL)
NO E/O CORD IS SEEN AROUND NECK AT THE TIME OF EXAMINATION.
(REVIEW SUGGESTED AT FULL-TERM FOR FETAL POSITION AND CORD PLACEMENT)
FETAL ECHO IS NOT INCLUDED IN THIS STUDY.

CERVIX UTERII IS 3.2 CM LONG.INTERNAL OS IS CLOSED AT THE TIME OF EXAMINATION.

- IMP : 1) SINGLE INTRA-UTERINE VIABLE GESTATION.**
2) CGA : 20-21 WEEKS; USG GUIDED EDD:12/10/2023.
3) ANTERIORLY LOCATED PLACENTA; NO PRAEVIA.
4) LIQUOR CLEAR AND ADEQUATE.
5) MEAN UTERINE ARTERY P.I IS AT HIGHER LIMITS OF NORMAL
S/O PROBABLE UTERO-PLACENTAL INSUFFICIENCY; DOPPLER
FOLLOW-UP SUGGESTED ~28 WEEKS.

(ADV- FOLLOW-UP FOR INTERVAL GROWTH, EVOLVING ANOMALIES
AND FETAL ECHO)

I, DR. SHAILAJA GHOSH, HEREBY DECLARE THAT WHILE CONDUCTING ULTRASONOGRAPHY ON
MRS. PREET MANGWANI, I HAVE NEITHER DETECTED NOR DISCLOSED THE SEX OF HER FOETUS
TO ANYBODY IN ANY MANNER.

DR. SHAILAJA GHOSH
(SONOLOGIST)

*** THANKS FOR REFERENCE.**

PRE-NATAL SEX DETERMINATION IS NOT DONE HERE

FETAL MALFORMATIONS MAY BE MASKED DUE TO LARGE FETUS, OLIGO-HYDRAMNIOS AND DUE TO FETAL POSITIONING.
DISPARITY IN FINAL DIAGNOSIS CAN OCCUR DUE TO TECHNICAL PITFALLS.
HENCE, IT IS SUGGESTED TO CO-RELATE ULTRASOUND OBSERVATIONS WITH CLINICAL FINDINGS AND OTHER INVESTIGATIONS.
NO LEGAL LIABILITY IS ACCEPTED. NOT FOR MEDICO-LEGAL PURPOSE.

GHOSH SONOGRAPHY CENTRE

Name	PREET MANGWANI	ID	25-05-2023-0012	Exam. Date	25-05-2023
Gender	Female				
Institute	GHOSH SONOGRAP...	Ref. Physician	A	Sonographer	DR. SHAILAJA...

[OB]

LMP	05-01-2023	EDD(LMP)	12-10-2023	GA(LMP)	20w0d
AUA	20w5d	EDD(AUA)	07-10-2023	Pctl. Crit...	EDD(LMP)
EFW	391g±58g	EFW Aut...	Hadlock4(BP...	GA(EFW)	20w6d
Pctl.(EFW)	91.55*	SD(EFW)	+1.38*		

Fetal Biom...	Avg.	1	2	3	GA	Pctl.
BPD	4.68	4.68			cm	20w1d±1... Hadl... 56.21 Hadl...
HC	18.07	18.07			cm	20w3d±1... Hadl... 65.01 Hadl...
AC	15.93	15.93			cm	21w0d±1... Hadl... 77.81 Hadl...
FL	3.52	3.52			cm	21w0d±1... Hadl... 79.82 Hadl...

Fetal Crani...	Avg.	1	2	3	GA	Pctl.
CEREB	2.11	2.11			cm	21w1d±1... Chitty 51.54 Nico...
CM	0.44	0.44			cm	26.64 Nico...
NF	0.34	0.34			cm Ma	
NB	0.60	0.60			cm	
Va	0.46	0.46			cm	23.00 Sonek

Ratio	Value	Normal Range
FL/AC	22.09	% (20.0~24.0%, >21w)
FL/BPD	75.23	% (71.0~87.0%, >23w)
FL/HC	19.48	% (15.30~21.30%, 20...
HC/AC	1.13	(1.09~1.26, 20w0d)

Umbilical A	Avg.	1	2	3	Pctl.
PSV	52.88	52.88			cm/s
S/D	4.60	4.60			
RI	0.78	0.78			67.31
PI	1.37	1.37			
HR(Auto)	150	150			bpm

Lt. Uterine A	Avg.	1	2	3	Pctl.
PSV	136.12	136.12			cm/s
EDV	53.34	53.34			cm/s
TAPV	72.88	72.88			cm/s