

# MATERNAL SERUM SCREEN REQUISITION FORM

Dual Marker (9.0-13.6 wks)

Triple and Quad Marker (14.0-22.6 wks)

Patient Name : Mrs. Recna Sahu Sample collection date :

Vial ID : 24246541

Date of Birth (Day/Month/Year) : 17/09/1996

L.M.P. (Day/Month/Year) : 20/11/23

Gestational age by ultrasound (Weeks/days) : \_\_\_\_\_ Date of Ultrasound :   /  /  

Nuchal thickness (in mm) : \_\_\_\_\_ CRL (in mm) : \_\_\_\_\_ BPD : 5.1 cm.

Nasal bone (Present/Absent)

Ultrasound report : First trimester ☒ Second trimester ☒

Sonographer Name : Dr. Manish Bhattacharya

Weight(Kg) : 67.9 kg

Diabetic status : Yes ☐ No ☒

Smoking : Yes ☐ No ☒

Gestation : Single ☒ Twins ☐

Race : Asian ☒ African ☐ Caucasian ☐ Others ☐

IVF : Yes ☐ No ☒ If Yes, Own Eggs ☒ Donor Eggs ☐

If Donor Eggs, Egg Donor birth date :   /  /  

Previous pregnancies :

With Down Syndrome : Yes ☐ No ☒

With Neural tube Anomaly : Yes ☐ No ☒

Any other Chromosome anomaly : Yes ☐ No ☒

Data Filled by :

# MATERNITY & DIAGNOSTIC CENTRE

No. A-87, St. No. 527, Shakti Nagar, Bhilai, Dist. - Durg (C.G.) Pin - 490020  
Ph. 0788-2299333



Dr. Manish Bhandari  
MBBS, DMRE, DOP  
Consultant Radiologist and Pathologist  
Mob. 9876011402  
CGMC : 65972016

24 Hours Emergency Care  
LICENCE NO. : DURGEM421114

Reema Salu, 26, 11

Pimpodi

22/7/23

Prim-i s-1

22 weeks

CMO - 20/4/23

END 27/6/24

o/e

wt. 67.9 kg

BP 110/80 mmHg

Platlet 200

E B ⊕

T<sub>1</sub>, T<sub>2</sub> -

relaxed

f

1. Repeat at 300/100

~ 1.5L

sol

Zenol/1/scan

- 4. Libiper 100

- 1. calu 100

- 7. calu 100 weekly

- 7. calu 100 weekly  
- 1. calu 100 weekly  
- 2. calu 100 weekly

(GEM)

150

1.5

(M)

De

NAME: MRS REENA SAHU 26/F  
REF: DR KIRTI BHANDARI

DATE: September 22, 2023

**OBSTETRICAL ULTRASOUND LEVEL 'II'**  
**( TIFFA SCAN)**

LMP: 20/04/2023

EGA: 22 wks 1 days

EDD by LMP: 25/01/2024

A single live foetus is seen in variable lie.

Heart activity and foetal movements are normal. FHR: 150bpm.

Placenta is fundal, anterior & posterior. There is no placenta praevia.

Liquor is adequate.

Internal os is closed.

Parameter	Measurement	Gest Age
BPD	5.1cm	21 wks 6 days
HC	19.7cm	21 wks 6 days
Abd Circumference	17.0cm	22 wks
Femur length	4.0cm	23 wks 1 days

Computed mean gestational age is 22 Wks 2 days.

EFW : 500gms  $\pm$  15 %.

Calculated EDD by USG:- 24/01/2024

**IMPRESSION :** Single live intrauterine pregnancy of maturity  
22 weeks 2 days  $\pm$  1 week in cephalic  
presentation. Mildly dilated PC system bilaterally.



Detailed genetic sonogram


The cord shows three vessels  
No soft or major marker for chromosomal abnormality seen  
Nasal bone is well visualized  
The nuchal fold thickness is 3.6mm (within normal limits)  
The binocular distance is 36mm and interocular distance is 15mm  
No suggestion of hypertelorism or hypotelorism seen  
The Foetal facial profile and coronal views are within normal limits  
With no suggestion of micrognathia. No definite evidence to suggest clefting seen  
No brachymesophalangia, clinodactyly seen  
The bowel was not echogenic

Manish Bhandari the undersigned declare that while conducting ultrasonography/image scanning on Mrs. [Name] we have neither detected nor disclosed the sex of her foetus to anybody in any manner.

This is only a professional opinion and not the final diagnosis and should be correlated with clinical and other parameters i.e Triple Markers.

As the USG study has certain limitations sometimes fetal anomalies may not get detected due to nature of anomaly, appearance of anomaly, gestational age, fetal positioning, limitation of machine thence absence of mention of fetal anomaly in study does not rule out its possibility.

Heart is grossly normal in current screening. All cardiac deformities can't be ruled out in this study and a dedicated foetal echocardiography is advised.

  
DR. MANISH BHANDARI  
MBBS, DMRE  
(RADIOLOGIST)

## FOETAL MORPHOLOGY

Foetal cranial structures are normal.  
The lateral ventricular caliber is 7mm & normal. No choroid plexus cyst seen.  
The cerebellum measures 24mm wide.  
Cisterna magna is 4.3mm deep.  
The pulmonary echogenicity was normal with no pulmonary cyst (s) or mass.  
No gross diaphragmatic defect noted.  
Visualization of the fetal oesophagus was attempted.  
Anal canal well visualized.  
No gross spinal defect or back mass seen.  
Foetal stomach bubble is identified.  
Foetal kidneys, bladder & intra abdomen contents appears normal.  
Mildly dilated PC system bilaterally.  
All four limbs, twelve long bones were visualized and normal.  
Open hands documented.  
Cord insertion is normal with no obvious wall defect or hernia.

### Uteroplacental and fetal Doppler evaluation

Umbilical artery diastolic flows are established.  
The ductus venosus appears normal.  
Bilateral uterine arteries show mean PI of .62

### Fetal cardiac assessment

Four chamber and outlet view of heart were normal.

(Grossly the heart appears normal, for detailed evaluation / anomaly fetal echocardiography is advised)