

Sample Collection date: 05/04/2023 Sample Collection time: 11:30 am/pm

Sample Collection from: Kiran Jadar Sample Collected By:

Patient Details:
 Name: Kiran Jadar
 Address: Bhopal
 City: Bhopal State: Pincode:
 Email ID: 62809851210 Hosp. ID:
 DOB: 04/01/1994 Weight: 46 kg Height: 1.52 m
 Ethnicity: South Asian ☒ East Asian ☐ Caucasian ☐ African ☐ Other ☐ Smoking status: ☒ Yes ☐ No

Requesters Information:
 Name of Hospital/Clinic: BANSAL HOSPITAL
 City: Bhopal
 Name of Ordering Physician: DR. SMITA OHENGLE
 Name of Sonographer: DR. SMITA OHENGLE
 FMF code (if available): 147675

Pregnancy Details:
 LMP: 16/11/2022 USG/Corr EDD: 23/08/2023
 LMP certainty: Regular ☒ Irregular ☐ Unknown ☐

Obstetric History:
 Parity (pregnancy at >24 weeks): ☐ Gravida: ☐ Abortion: ☐ Live: ☒
 Details of last pregnancy at >24 weeks:
 PE: Yes ☐ No ☒ Date of delivery: 05/04/2023
 GA at delivery: 37 Weeks 0 Days
 Present pregnancy: Singleton ☒ Twin ☐ Vanishing Twin ☐
 Type of Conception: Natural ☒ Assisted ☐ Ovulation drugs ☐
 If assisted reproduction, kindly mention the type of procedure:
 Extraction date: 05/04/2023 Transfer date: 05/04/2023
 Egg source: Self/donor. If donor, then donor's age/DOB: 05/04/2023
 Diabetes: ☒ Yes. Type: Gestational ☐ Type 1 ☐ Type 2 ☐
 Treatment method: No treatment / Insulin / Metformin / Insulin+Metformin / Diet Control
 If on Insulin, Insulin start date: 05/04/2023
 Patient on HCG: ☒ Yes ☐ No. If yes, latest date of HCG intake: 05/04/2023
 Bleeding/Spotting in last two weeks: ☒ Yes ☐ No

Previous pregnancy History:
 History of Down Syndrome: ☐ Edwards' Syndrome: ☐ Patau Syndrome: ☐ CHD: ☐ HT: ☐
 History of Systemic Lupus Erythematosus: ☐ History of Anti-Phospholipid Syndrome (APLS): ☐
 Signature of Patient:

Requisition form for Prenatal Screening

Quadruple Marker

First trimester ultrasound details
 USG date: 05/04/2023
 CRL: mm NT: mm
 NB: Present ☐ Absent ☐

Twin pregnancy ultrasound details
 USG date: 05/04/2023
 DCDA: ☐ MCDA: ☐ MCMA: ☐
 CRL: mm Twin A mm Twin B mm
 NT: mm mm
 NB: Present ☐ Absent ☐

Second trimester ultrasound details
 USG date: 05/04/2023
 BPD: 44 mm
 FL: 27.4 mm
 HC: 157.4 mm

TEST REQUESTED

First trimester Screening (FTS) (10 weeks to 13.6 weeks)

- Combined First Trimester Screening
- First Trimester Screening + Pre-eclampsia (without PIGF)
- First Trimester Screening + Pre-eclampsia (with PIGF)
- Early Biochemistry
- Only Biochemistry values
- Biochemistry Only
- First Trimester Enhanced
- First Trimester Enhanced + Pre-eclampsia (with PIGF)

Second trimester Screening (STS) (15 weeks to 21.6 weeks)
 STS cannot be performed in twin pregnancy

- Triple marker test
- Quadruple marker test
- Quadruple Integrated Screening

Pre-eclampsia Screening
 (PIGF + PAPP-A + MAP + UAD)
Pre-eclampsia and Fetal Growth Restriction:
 Blood pressure (BP) history: BP measurement date: 05/04/2023

Markers	Left arm		Right arm		MAP
Blood pressure (mmHg)	Systolic BP	Diastolic BP	Systolic BP	Diastolic BP	
First reading					
Second reading					

The difference should not be more than 10 mmHg in first and second reading

Family History of Pre-eclampsia: Not Known ☐ No ☐ Patient ☐ Mother ☐
 Chronic Hypertension: Not known ☐ No ☐ Medication ☐ Unreated ☐
 Uterine Artery pulsative Index (UAD-PI): Right PI Left PI (not applicable acceptable range: 0.4 - 0.6)
 Previous small baby: ☐

Thalassemia Screening ☐ Thalassemia (HPLC) from Therapy - Yes/No (Kindly send CBC/DOC, Blood transfusion History)

For Lilac Insights
 PAPP-A:
 β-HCG:
 AFP:
 PIGF:
 UES:
 Inhibin A:
 sFlt-1:

Signature of Ordering Physician: Jah

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Patient Data

Name Kiran
Other names Yadav
Date of birth 04/01/1994
Address Jr Mig House no- 31 Akash Ganga Colony E-08 Shahpura
trilanga
Town Bhopal
Mobile phone 6260985126
Racial origin South Asian (Indian, Pakistani, Bangladeshi)
Hospital no. BH377943
GP Dr Gupta Deepti, Bansal Hospital,

Partner

Name Virendra Yadav

Present Pregnancy

Dates last period: 16/11/2022
Cycle regular - LMP sure
Conception spontaneous
EDD by dates 23/08/2023
EDD by scan 23/08/2023
Maternal blood group not known, Rhesus not known
Weight 44.0 kg
Height 154.9 cm
Body mass index 18.3
Cigarettes no
Alcohol no
Problems in current no
pregnancy

Obstetric History

Gravida 1 Para 0

Chronic Disease

Chronic hypertension no

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H-2019-0448



NABL MEI/T-00080

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Family History

Consanguinity no
on patient's side
Diabetes Mellitus yes
Hypertension no

Examination

Date 05/04/2023

Time 09:55

Department Fetal Medicine Unit, Bansal Hospital
Routine, Anomaly Scan

Indication

Ultrasound

Operator Dr Smita Dhengle, DGO, DNB, MNAMS, MICOG, Fellowship
in Fetal Medicine, FMF ID - 147673

US system Voluson E10
transabdominal

View good

Gestational age 20 weeks + 0 days

Biometry / Anatomy

BPD	44.8 mm	
OFD	55.4 mm	
HC	157.4 mm	
CM	3.5 mm	
TCD	19.0 mm	
Ventricular atrium	5.6 mm	
TAD	43.7 mm	
APAD	39.6 mm	
AC	130.8 mm	
Humerus	29.9 mm	
FL	27.4 mm	
BPD / OFD	0.81	
HC / AC	1.20	
BPD / FL	1.64	

Estimated fetal weight Hadlock (BPD-HC-AC-FL)

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H-2016-0446



NABL M(EL)T LABS

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Please note: All fetal abnormalities cannot be detected by ultrasound.

Please note for all your future visits to any scan centre, it is mandatory by the GOI to produce prior to scan-

1. Photocopy(xerox) of Government approved photo ID card of the prospective mother (Aadhar card, voter ID, passport, driving licence etc).

2 Referral letter from your Doctor with indication for the scan and her / his SEAL and SIGNATURE.

Also, please keep extra time to fill the detailed GOI- mandated "F Form" before the scan.

It must be noted that detailed fetal anatomy may not be visible due to technical difficulties related to fetal position, amniotic fluid volume fetal movements, maternal abdominal wall thickness and tissue echogenecity. therefore all fetal anomalies may not be detected at every examination. Patient has been counseled about the capability and limitations of this examination.

I, Dr.Smita Dhengle, declare that while conducting ultrasonography/ image scanning on Mrs Kiran, I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

Recommendation: Rescan at 28 weeks for fetal growth and well being (2nd-06th June) To book prior appointment for the scan

For Booking appointment- M.no. 6263313346

Dr. Smita Dhengle



FMF ID 147673

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NABL (MELT) LABS

H-2018-0445

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GIT

stomach and GIT appear normal

Comments GB seen

Urinary tract

kidneys and bladder appear normal

L.Pelvis A-P 2.0 mm

R.Pelvis A-P 2.0 mm

Comments UB seen, Kidney blood supply done

Extremities

hands, feet, arms, legs and joints appear normal

Comments Legs seen, Hands seen

Genitalia

not examined

Doppler ultrasound

Uterine artery

PI left 1.080

PI right 0.650

Mean PI 0.865

RI left 0.62

RI right 0.43

Notch no notch



Cervical assessment

Cervix length 33.0 mm

Funnelling no

Comment Normal Cervical Length

Conclusions

Diagnosis No Obvious defect

Normal uterine artery Doppler and cervical length

Conclusion routine scan adequate assessment

Fetal growth and amniotic fluid are normal (DVP-4.5) There are no obvious structural defects or significant markers for chromosomal abnormalities. Fetal cardiac scan showed a normally connected heart with no obvious defects and normal flow patterns.

The uterine artery Doppler and cervical length are normal (TAS-33mm)

The placenta is on the anterior wall of the uterus, the lower edge of the placenta is away from the internal os.

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245 g

8 oz

Fetal heart activity visualised

Fetal movements normal

Fetal heart rate 149 bpm



Presentation cephalic

Placenta site anterior high, Placenta grade Grannum 0

Amniotic fluid normal

Amniotic Fluid Index

Deepest pool 4.5 cm

Cord 3 vessels

normal skull shape

hemispheres, ventricles mid-brain and posterior fossa appear

normal

Vp left 5.3 mm

no facial cleft and the eyes, nose and mandible appear normal

Left ear 15.2 mm

Right ear 14.0 mm

Nasal bone 4.0 mm



Prenasal thickness 3.4 mm



Comments Eyes, Palate, Lips

no spina bifida or kyphoscoliosis

no skin oedema or cystic hygroma

Nuchal fold thickness 3.8 mm

thorax and lungs appear normal

normal 4-chamber view

normal outflow tracts

normal 3-vessel view

normal 3-vessel trachea view

normal situs/laterality

Echogenic foci

no abdominal wall defect

Spine

Neck/Skin

Thorax

Heart

Abdominal Wall

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