

REPORT

 Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple, Peerzadiguda, Boduppal, Hyderabad, Telangana.
 ICMR Reg. No. SAPALAPVLHT (Covid-19)

Name : Mrs. SNEHAL DESHMUKH (UMARE)
 Sample ID : A1721333
 Age/Gender : 38 Years/Female
 Referred by : Dr. PRITI PRASAD
 Referring Customer : RAHUL PATH LAB
 Primary Sample : Whole Blood
 Sample Tested In : Serum
 Client Address :

Reg. No : 0372507020072
 SPP Code : SPL-NP-142
 Collected On : 02-Jul-2025 04:00 PM
 Received On : 03-Jul-2025 11:55 AM
 Reported On : 03-Jul-2025 05:46 PM
 Report Status : Final Report


CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

PDF Attached
Double Marker

| | | | |
|-----------------------------------|-------|--------|--|
| Free -Beta -HCG (Method: CLIA) | 36.74 | ng/mL | < 2 : Non-Pregnant 5.4 - 393.4 : Pregnant |
| PAPP-A (Method: CLIA) | 1.56 | mIU/mL | < 0.1 : Non-Pregnant 0.1-19.5 : Pregnant |

Risk analysis for Trisomy 21 is 1:197 is positive. Adv: NIPT, FISH and karyotyping. The PAPP-A level is low

Interpretation:

| DISORDER | SCREEN POSITIVE/HIGH RISK CUT OFF |
|-------------------|-----------------------------------|
| Trisomy 21 (Down) | < 1:250 |
| Trisomy 18/13 | < 1:100 |
| DISORDER | SCREEN NEGATIVE/LOW RISK CUT OFF |
| Trisomy 21 (Down) | > 1:250 |
| Trisomy 18/13 | > 1:100 |

Note: Statistical evaluation has been done using CE marked PRISCA 5 software. Screening tests are based on statistical analysis of patient demographic and biochemical data. They simply indicate a high or low risk category. Confirmation of screen positives is recommended by Chorionic Villus Sampling (CVS). The interpretive unit is MoM (Multiples of Median) which takes into account variables such as gestational age (ultrasound), maternal weight, race, insulin dependent Diabetes, multiple gestation, IVF (Date of Birth of Donor, if applicable), smoking & previous history of Down syndrome. Accurate availability of this data for Risk Calculation is critical. Ideally all pregnant women should be screened for Prenatal disorders irrespective of maternal age. The test is valid between 9-13.6 weeks of gestation, but ideal sampling time is between 10-13 weeks gestation. First trimester detection rate of Down syndrome is 60% with a false positive rate of 5%. A combination of Nuchal translucency, Nasal bone visualization and biochemical tests (Combined test) increases the detection rate of Down syndrome to 85% at the same false positive rate.

Comments: First trimester screening for Prenatal disorders (Trisomy 21, 18 & 13) is essential to identify those women at sufficient risk for a congenital anomaly in the fetus to warrant further evaluation and followup. For Open neural tube defects, second trimester screening before 20 weeks is recommended. These are screening procedures which cannot discriminate all affected pregnancies from all unaffected pregnancies. Screening cutoffs are established by using MoM values that maximize the detection rate and minimize false positives.

*** End Of Report ***



REPORT

Prisca

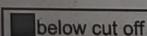
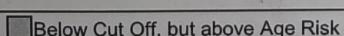
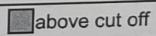
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Date of report: 03/07/25

PRITI PRASAD

| Patient data | | Ultrasound data | | | | |
|---|-------------------|-----------------|------------------------------|---|--|--|
| Name | Mrs. SNEHAL UMARE | Patient ID | 0372507020072 | | | |
| Birthday | 07/11/87 | Sample ID | A1721333 | | | |
| Age at sample date | 37.7 | Sample Date | 02/07/25 | | | |
| Gestational age | 13 + 1 | | | | | |
| Correction factors | | | | | | |
| Fetuses | 1 | IVF | no | Previous trisomy 21 pregnancies unknown | | |
| Weight | 54 | diabetes | no | | | |
| Smoker | no | Origin | Asian | | | |
| Biochemical data | | | Gestational age | | | |
| Parameter | Value | Corr. MoM | 13 + 1 | | | |
| PAPP-A | 1.56 mIU/mL | 0.27 | Method CRL Robinson | | | |
| fb-hCG | 36.74 ng/mL | 0.99 | Scan date 02/07/25 | | | |
| Risks at sampling date | | | | | | |
| Age risk | | 1:149 | Crown rump length in mm 72 | | | |
| Biochemical T21 risk | | >1:50 | Nuchal translucency MoM 0.89 | | | |
| Combined trisomy 21 risk | | 1:197 | Nasal bone present | | | |
| Trisomy 13/18 + NT | | 1:1436 | Sonographer N A | | | |
| Qualifications in measuring NT MD | | | | | | |
| Trisomy 21 | | | | | | |
| The calculated risk for Trisomy 21 (with nuchal translucency) is above the cut off, which indicates an increased risk. | | | | | | |
| After the result of the Trisomy 21 test (with NT) it is expected that among 197 women with the same data, there is one woman with a trisomy 21 pregnancy and 196 women with not affected pregnancies. | | | | | | |
| The PAPP-A level is low. | | | | | | |
| The calculated risk by PRISCA depends on the accuracy of the information provided by the referring physician. Please note that risk calculations are statistical approaches and have no diagnostic value! | | | | | | |
| The patient combined risk presumes the NT measurement was done according to accepted guidelines (Prenat Diagn 18: 511-523 (1998)). | | | | | | |
| The laboratory can not be held responsible for their impact on the risk assessment ! Calculated risks have no diagnostic value! | | | | | | |
| Risk | | | | | | |
| 1:10 | | | | | | |
| 1:100 | | | | | | |
| 1:250 | | | | | | |
| 1:1000 | | | | | | |
| 1:10000 | | | | | | |
| 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 | | | | | | |
| | | Cut off | | | | |
| Trisomy 13/18 + NT | | | | | | |
| The calculated risk for Trisomy 13/18 (with nuchal translucency) is 1:1436, which represents a low risk. | | | | | | |

Sign of Physician



HINGNA SONOGRAPHY CENTRE

Dr. Rajeshwar Gudadhe
M.B.B.S., D.M.R.E.
Worked at : CHIKITSA
Diagnostic Centre, Mumbai
IGGMC, Nagpur
OCHRI, Nagpur

(Reg. No. 166/2022)



Dr. Rina Gudadhe
M.B.B.S., D.M.R.E.
Worked at : IGGMC, Nagpur
Getwell Hospital, Nagpur
Lata Mangeshkar Hospital, Nagpur
Mure Memorial Hospital, Nagpur

NAME OF PT : MRS. SNEHAL DESHMUKH VMARE

REF BY : DR. S.PRASAD

DATED : July 5, 2025

SONOGRAPHY OF GRAVID UTERUS

LMP-31/03/2025

GA BY LMP- 13 WKS 5 DAY

Single viable intrauterine foetus is seen with changing presentation at the time of examination

Foetal movements and cardiac pulsations are well appreciated.

Placenta is noted fundo posteriorly over body shows Gr I maturity.

Liquor is adequate for ges age.

Fetal heart rate – 156 bpm.

FOETAL BIOMETRY:-

BPD - 24 mm - 14 wks , 1 days

AUA-13 wks . 5 days

HC - 91 mm - 14 wks , 1 days

USG EDD – 05.01.2026

AC - 68 mm – 13 wks , 3 days

EWF - 76 gms

FL - 10 mm - 13 wks , 1 days

No sonically detectable anomalies seen in foetal head, abdomen and spine in present position of the foetus and in present scan. Further follow up and evaluation is essential. Inter orbital distance is 18 mm and intra orbital distance is 8.8 mm (slightly increase for gestational age)

Cervical length - 5.6 cm

OPINION : Single live intrauterine foetus seen with sonic maturity of 13 wks 5 day. with slightly increase intra orbital distance .

No other soft marker noted in present scan

Suggested further evaluation by NIPT or amniocentesis .

All measurements including estimated foetal weight, are subject to statistical variations.

All efforts are made to image structural details of foetus. The survey is limited by foetal position, movements and quantity of amniotic fluid and thickness of anterior abdominal wall. Hence all anomalies can not be detected on sonography. This examination does not include foetal 2-D echo.

I, Dr. Rina gudadhe, declare that while conducting Ultrasonography, I have neither detected nor disclosed the sex of her foetus to any body in any manner.

Dr. Rina R. Gudadhe
M.B.B.S. D.M.R.E.
No. 2008/01/01

* 3D/4D Ultrasonography * Doppler Studies * Digital X-Ray & Procedures

nd Floor, Above Reliance Smart, Jalaram-Mangalam Complex,
Pillar No. 50, Opp. Mahindra & Mahindra Company, Hingna, Nagpur.

Time : Monday to Saturday - 10.00 am to 5.00
Mob. : 8805208080, 78752835

Exam

05-07-2025-0009
SNEHAL DESHMUKH

Accession #
Exam Date
Description
Sonographer

05072025

Female



PRITI MULTISPECIALITY HOSPITAL & SONOGRAPHY CENTRE

ADD. : ELECTRONIC ZONE, NEAR MHADA COLONY, HINGNA ROAD, MIDC, NAGPUR

R. PRITI PRASAD

BS, MD (Gold Medalist)

L. No. 59058

Consulting Gynaecologist & Sonologist

Timing : 10 a.m. to 3 p.m.

Mobile : 9326954149

24 Hrs. Emergency For Delivery Patient

Name : Snehal Umare
Age : 38 yrs
Date of Birth : 29/13/25

Date : 21/7/25
Gest. Age : 13 weeks
EDD. : 5/01/25

ULTRASOUND FINDINGS

Pregnancy : Single / Twin Live / Still

Lie-VX / Breech / Transverse

Heart Rate : +ve.

Fetal Movements : +ve

Gestationl Age : B.P.D. 13w4d 22 mm

Gest. Sec. _____ mm

F.L. 13w 10.4 mm

C.R.L. 13w 1d 72 mm

A.C. 13w 63 mm

Stomach _____ mm

H.C. 13w3d 81 mm

Brain _____ mm

Wt. 112 mm

Heart _____ mm

NT 1.6 mm
Nasal Bone seen

Bladder _____ mm

Uterus : Less / Normal / Excess

Spine _____ mm

Placenta : Upper Segment / Lower Plac

Int. Os. NAD mm

Session : Scanning of 13w1d
wrong dates 5/1/26 Grade _____ mm

DECLARATION OF DOCTOR

Priti Prasad declare that while conduction Ultrasosnography I have neither detected or disclosed the sex of he foetal body in any manner.

As all anomalies are not seen on 2D usg for further evaluation 3D and foetal echocardiography advised

FORM - F

FORM FOR MAINTENANCE OF RECORD IN RESPECT OF
PREGNANT WOMAN BY GENETIC CLINIC / ULTRASOUND / IMAGING CENTRE

राण : Hingna 8317 दिनांक : 05/03/2023

गर्भवती स्त्रीचे संमती पत्र आणि जाहीरनामा / उद्घोषण
सौ.) Mr. Sreelal Deshmukh
सौ.) Mr. Clefan Deshmukh याची पत्नी/मुलगी
38/01 वर्ष पत्ता : F. No - 302 Jalaram
Complex for Re. 155/-

पूर्वक नमुद करते की, मी स्व-इच्छेने स्वतःची सोनोग्राफी करूण घेत आहे. तसेच वरती करण्यात येणारी सोनोग्राफी ही गर्भलिंग निदानासाठी नाही व सदर णीद्वारे मला गर्भलिंग निदान सांगितले जाणार नाही. याची मला जाणीव आहे. आणि माहित करूण घेण्याची माझी इच्छा नाही. यासाठी मी स्व-इच्छेने संमती देत आहे.

असणाऱ्या मुलांची संख्या ०१

| | | | |
|-------|-----------|-------------|-----------|
| /मुले | <u>01</u> | स्त्री/मुली | <u>01</u> |
|-------|-----------|-------------|-----------|

Sreelal

गर्भवती स्त्रीची सही/अंगठा

CLARATION OF DOCTOR / PERSON CONDUCTING ULTRASONOGRAPHY / IMAGE SCANNING

Dr. R. R. Gade

I, the person conducting ultrasonography / image scanning) declare that

conducting ultrasonography / image on Mrs. Sreelal

Deshmukh (name of the pregnant woman) I have

never detected nor disclosed the sex of her foetus to any body in any manner.

R. R. Gade

SS :

GNA SONOGRAPHY CENTRE

2nd Floor, Above Reliance Smart, Jalaram-Mangalam Complex,
Mahindra & Mahindra Company, Hingna, Nagpur.

Signature with Stamp
Radiologist/ Gynaecologist
Director or Owner

PLEASE FILE THE FORM IN ORIGINAL OF WHICH ONE COPY TO BE HAND OVER TO PATIENT

Date 2/7/25

Age 38 yr

Name: Snehal Chetan Umare

Add: Talavarammagadlam Hingnor Road, Nagpur

M/H-LMP 29/3/25

TT 1st

EDD - ? 5/1/26

2nd

PMC - Ray

O/H-

G₂

P₁

A₀

Mother

F/H-DM

HT

Allergy

1st LSUS of 2 yrs Maternal history.

Father - Sugar

HT

Allergy

Lactose
Intolerance

P/h Tobacco

Pan

Working

Govt. Servant
Professor.

H-AB+ve

INC-Bld Gp B+ve

Hb

Sr-Plats

Urine

Sr-TSH

RBS

UPT +ve

HBS Ag
Sickling
HIV
HCV
VDRL

USG - 1st

-2 nd

-3 nd

Wt.

G/E- Pallor +

CVS

RS NAD

Thyroid

Breast NAD

Varicosities

DELIVERY NOTES ND / LSCS

TN _____ ON _____ AT _____

MLE

SUTURED

PPH

TEAR

PGAR

/1

/10

PL/EMED

EXPELLES OUT

OBV

C/A

COMPLY

