SagePath®
Excellence In Health Care

Sagepath Labs Pvt. Ltd.

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

# REPORT

| | | | |
|---|---|---|---|
| Name | : Mrs. SAHITHI | Sample ID | : A0093344 |
| Age/Gender | : 23 Years 1 Months 3 Days/Female | Reg. No | : 0312402210021 |
| Referred by | : Dr. R ANDALU | SPP Code | : SPL-STS-554 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS -TS | Collected On | : 21-Feb-2024 10:18 AM |
| Primary Sample | : Whole Blood | Received On | : 21-Feb-2024 12:27 PM |
| Sample Tested In | : Serum | Reported On | : 21-Feb-2024 06:03 PM |
| Client Address | : Kimtee Colony ,Gokul Nagar,Tarnaka. | Report Status | : Final Report |

## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Ref. Range | Method |
|---|---|---|---|---|
| PDF Attached | | | | |
| **Double Marker** | | | | |
| Free -Beta -HCG | 53.82 | ng/mL | < 2 :Non-Pregnant<br>5.4 - 393.4 : Pregnant | CLIA |
| PAPP-A | 3.27 | mIU/mL | < 0.1 : Non-Pregnant<br>0.1-19.5 : Pregnant | CLIA |

**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.

Correlate Clinically.

*** End Of Report ***

DR.VAISHNAVI
MD BIOCHEMISTRY

# SAGEPATH LABS PVT LTD.

**Date of report:** **21-02-2024**
Prisca 5.1.0.17

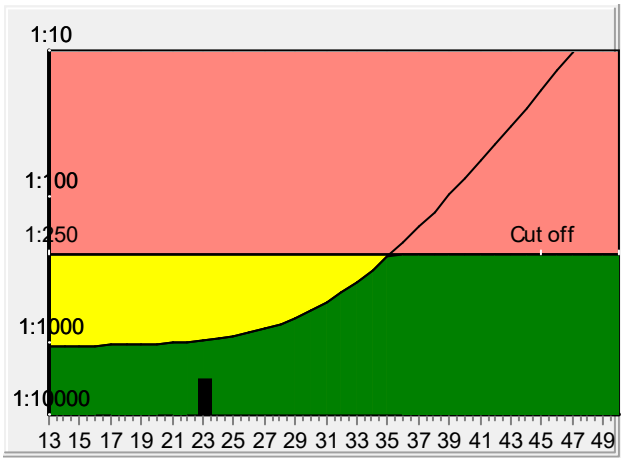
| Patient data | | Ultrasound data | |
|---|---|---|---|
| Name | Mrs. SAHITHI | Gestational age at sample date | 11 + 1 |
| Birthday | 19-01-2001 | Method | Scan |
| Age at sample date | 23.1 | Scan date | 30-01-2024 |
| Patient ID | 0312402210021 | | |

| Correction factors | | | | | |
|---|---|---|---|---|---|
| Fetuses | 1 | IVF | no | Previous trisomy 21 pregnancies | unknown |
| Weight in kg | 55 | diabetes | no | | |
| Smoker | no | Origin | Asian | | |

| Pregnancy data | | Parameter | Value | Corr. MoM |
|---|---|---|---|---|
| Sample Date | 21-02-2024 | PAPP-A | 3.27mIU/mL | 1.40 |
| | | fb-hCG | 53.82 ng/mL | 0.93 |

| Risks at sampling date | | | |
|---|---|---|---|
| Age risk at sampling date | 1:976 | Trisomy 21 | <1:10000 |
| Overall population risk | 1:600 | Trisomy 13/18 | <1:10000 |

Risk




Trisomy 21

**The calculated risk for Trisomy 21 is below the cut off which represents a low risk.**
After the result of the Trisomy 21 test it is expected that among more than 10000 women with the same data, there is one woman with a trisomy 21 pregnancy.
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!

Trisomy 13/18

**The calculated risk for trisomy 13/18 is < 1:10000, which indicates a low risk.**

**Sign of Physician**

below cut off | Below Cut Off, but above Age Risk | above cut off