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. TRIPTI YADAV | | |
| Sample ID | : B2782034 | Reg. No | : 0482504290261 |
| Age/Gender | : 45 Years/Female | SPP Code | : SPL-BH-022 |
| Referred by | : Dr. MEENA SAMANT | Collected On | : 29-Apr-2025 05:00 AM |
| Referring Customer | : Apollo Diagnostics | Received On | : 30-Apr-2025 08:52 AM |
| Primary Sample | : Whole Blood | Reported On | : 30-Apr-2025 03:19 PM |
| Sample Tested In | : Serum | Report Status | : Final Report |
| Client Address | : Dinkar Golumular.Rajendra Nagar. | | |

## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|---|---|---|---|
| PDF Attached | | | |
| **Double Marker** | | | |
| Free -Beta -HCG (Method: CLIA) | 42.01 | ng/mL | < 2 :Non-Pregnant<br>5.4 - 393.4 : Pregnant |
| PAPP-A (Method: CLIA) | 0.94 | mIU/mL | < 0.1 : Non-Pregnant<br>0.1-19.5 : Pregnant |

Risk analysis for Trisomy 21 is 1:174 is positive.Adv: NIPT, FISH and karyotyping

**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 ***



DR. LAVANYA LAGISETTY
MD BIOCHEMISTRY