Be Safe, Be Informed, Know Early

Feel free to download and share this test information sheet with your provider describing how to order our test, how to contact us, and details on our test.

▶**Providers, please contact Luna Genetics** at inquiries@lunagenetics.com or call 1-888-250-LUNA (5862) to onboard your clinic as a provider and to order a test kit.

▶**Patients must read and sign our informed consent form** and submit the signed copy with the blood samples to the Luna Genetics laboratory prior to testing.

About the Luna Prenatal Test

The Luna Prenatal Test is a cell-based prenatal genetic test which isolates pure fetal DNA from rare fetal trophoblast cells circulating in maternal blood. This test in noninvasive and only requires a maternal blood sample, thus eliminating the risk of a procedure-related pregnancy loss. The Luna Prenatal Test can be performed early in pregnancy, from 8 to 22 weeks of gestation, while also providing accurate information regarding your pregnancy.

Advantages of the Luna Prenatal Test

- **Safe**: The Luna Prenatal Test provides a safer alternative to more invasive genetic tests like amniocentesis and CVS and offers no risk to the fetus.
- **Early**: As early as 8 weeks gestation, putting testing well into the first trimester.
- **Informative**: Detection of whole chromosome aneuploidy and deletions and duplications down to a resolution of 1.5 million base pairs (Mb) and 2.0Mb, respectively.

Limitations of the Luna Prenatal Test

- Fetal cells are rare in maternal blood circulation, and not all patients will have sufficient fetal trophoblasts to perform the test. Therefore, a second blood sample (i.e. second blood draw) may be suggested in some cases.
- In a small percentage of women, no cells will be recovered even after a second blood sample (i.e. second blood draw). For these women, all other forms of prenatal genetic testing are still options.

What is detected/ not detected?

- Detects fetal chromosomal aneuploidy and most chromosomal deletions/duplications commonly linked to genetic conditions in the pregnancy.
- Detects clinically significant chromosomal gains or losses across the entire genome, including deletions as small as 1.5 million base pairs (Mb) of DNA and duplications as small as 2 Mb.
- Chromosomal deletions smaller than 1.5Mb, duplications smaller than 2Mb, triploidy, and uniparental disomy (UPD) are **not** detected by the Luna Prenatal Test. However, triploidy can be detected in certain cases.
- The Luna Prenatal Test **cannot** detect single gene or monogenic conditions, such ascystic fibrosis (CF), sickle cell anemia, and fragile X syndrome.

The Science Behind the Test

Luna Genetics is a prenatal genetic testing company based in Houston, Texas. The Luna Prenatal Test uniquely captures fetal cells in maternal blood early in pregnancy and uses advanced DNA analysis to identify genetic conditions. The data are interpreted by board-certified Lab Directors to identify gains or losses of entire or partial chromosomes.

The Luna Prenatal Test is a laboratory developed test performed by a CLIA-certified laboratory. No prenatal test, including the Luna Prenatal Test, guarantees the birth of a healthy child.

www.lunagenetics.com.

QSE8.FORM.004 Rev.2.0 Effective Date: June 14, 2022