



Now Available

Non-Invasive Prenatal Paternity Testing

For the patient who doesn't want to wait nine months, paternity can now be safely established before a baby is born with Gene Security Network's (GSN) new non-invasive prenatal paternity test. GSN's test uses a proprietary bioinformatics technology, Parental Support,[™] proven to provide highly accurate DNA testing results from a tiny quantity of DNA — as little as found in a single cell.* Parental Support now delivers the only test available to reliably determine paternity from a maternal blood sample as early as the first trimester.

Testing can be done as early as 9 weeks gestation and requires only a blood draw from the pregnant mother and alleged father(s).

HOW DOES IT WORK?

The technology uses free-floating fetal DNA present in the mother's blood, and compares it to mother's and alleged father's DNA. Unlike whole fetal cells, free-floating fetal DNA clears from the mother's blood in a few hours, so with this method there is no chance of testing genetic material from a prior pregnancy.

SNP microarray testing combined with Parental Support bioinformatics technology accurately determines if there is a match between alleged father and child. Results from the alleged father are compared to over 5,000 unrelated random individuals. If the probability that the alleged father contains the genetic markers required of the biological father is greater than 99.9% when compared with random individuals, paternity is concluded. If the alleged father matches no better than an unrelated individual, he can be excluded as the biological father.

The test replaces current invasive procedures such as amniocentesis and chorionic villus sampling (CVS), long used to determine the DNA profile of a fetus.

HOW DO I REFER A PATIENT FOR TESTING?

1. Complete referral form (found on back of this sheet) and fax to 1-650-362-1882
2. GSN sends blood kit directly to your office (if you already have a kit please enclose referral inside kit)
3. Draw mother and alleged father(s) blood (instructions in kit)
4. Package samples in kit and send back using pre-paid Fed Ex label
5. Results returned in 5 business days from receipt of blood sample

Price of test is \$1625.

*Johnson, D.S. et al. 2010 Hum Repro 25 (4):1066-1075)