

Non-Invasive Prenatal Paternity Test

Case # [REDACTED]
Ref # [REDACTED]

Probability of Paternity
>99.9%

Role	Name	Sample ID	Race	Sample Type	Date Collected	Date Received
Mother (M)	GYPSY ROSE A ANDERSON	S-[REDACTED]	Caucasian	Blood Liquid	28-Oct-2024	29-Oct-2024
Alleged Father (AF)	KENAN R URKER	S-[REDACTED]	Caucasian	Buccal	28-Oct-2024	29-Oct-2024

Statement of Results:

Report ID: [REDACTED] | Test ID: [REDACTED]

The alleged father is not excluded as the biological father of the fetus.

Testing was performed to determine paternity using cell-free circulating fetal DNA (cffDNA) isolated from the plasma of the maternal blood sample. This sample contains a mixture of maternal and fetal DNA. DNA was also isolated from nucleated cells in samples from the mother and alleged father. All DNA samples were analyzed using next-generation sequencing (NGS) technology. Paternity determination was performed using 505 SNPs(Single Nucleotide Polymorphisms) as informative loci out of 861 tested loci to generate a probability of paternity.

TESTING METHODOLOGY: All DNA samples were amplified at specific SNP loci using a targeted PCR assay and sequenced using a high-throughput sequencer. Sequencing data for the mother, fetal fraction, and alleged father is analyzed for quality and profile sequence. The probability of paternity is derived using a proprietary algorithm that incorporates traditional paternity formulas. After SNP genotyping and comparison, a probability of paternity is generated as compared to unrelated individuals of the Caucasian population.

This test is not intended for use in conjunction with closely-related fathers, incest, multiple fetus pregnancies, surrogate pregnancies, donor eggs, or for individuals who have had bone marrow transplants or exhibit any other chimerism.

DNA Diagnostics Center conducted the testing and accreditations apply to legal chain of custody tests under scope.



State of Ohio
County of Butler

The foregoing instrument was acknowledged before me on 05-Nov-2024 by Debra Davis .

I, the signed Laboratory Director, verify that the interpretation of the results is correct as reported on 05-Nov-2024.

Donna Urschel

Debra Davis

Debra Davis, Ph.D., Laboratory Director



Donna Urschel
Notary Public
My Commission Expires: 08-May-2027