

Relationship DNA Testing Options



Family Reconstruction Testing

On the other side of every relationship test is a person – someone seeking answers. In cases involving a deceased or missing family member, a family relationship test may be performed in order to reconstruct the decedent's probable DNA profile and/or to determine the person's biological relationship to known family members. This type of testing is possible because the genes of the deceased or missing family member are present in his/her known biological family members. The recommended parties for testing in order to yield the most accurate results in these complex cases are listed in the chart below.

| Type of Test | Recommended Parties | Description |
|------------------------------------|--|--|
| Grandparentage Test | Mother, child, and both alleged paternal grandparents | Testing for paternity of a child when the alleged father is unavailable or deceased. In this scenario, there is an assumption that both paternal grandparents are the biological parents of the alleged father. |
| Full Sibling Test | Two potential siblings and their mother | Testing for paternity between two siblings who share a common mother and want to verify that they share the same father. |
| Half Sibling Test | Two potential siblings and both of their mothers | Testing for paternity between two individuals who know they do not share a common mother but want to determine if they share the same father. |
| Avuncular Test (Uncle/Aunt) | Two potential aunts/uncles, mother and child | Testing for paternity of a child by using full siblings of the alleged father to verify if a relationship exists between the two alleged aunt(s)/uncle(s) and their potential niece or nephew. Two aunts, two uncles, or one aunt and one uncle may be tested. |
| Family Reconstruction Test | Requires at least two samples from known relatives, which may include a combination of the above, plus the mother and child. | Testing for paternity of a child when the relatives above are not all available. In this scenario, there is an assumption that the relatives' stated biological relationships to the other tested relatives and the alleged father are accurate. |

For assistance in determining which available family members would be most beneficial to include in your family reconstruction test, please contact customer service at **1-800-742-3944, option 3.**