

DNA: Paternity Testing

Policy

The laboratory's involvement with paternity testing is limited to developing STR profiles on reference or tissue samples from specified criminal cases involving statutory rape or child molest resulting in a product of conception or child. Paternity testing will not be performed unless the laboratory receives samples from the known mother, child/product of conception, and the alleged father. The extraction, quantitation, amplification, analysis and interpretation of these samples are covered in this manual.

The laboratory reports generated for forensic paternity testing cases will include a statement of exclusion or an interpretive statement for inclusion that includes the *Paternity Index* and the *Probability of Paternity* calculations.

Analysts report that either the alleged male is eliminated as being the biological father (exclusion) or that the alleged male cannot be excluded as being the biological father. The *Paternity Index* and *Probability of Paternity* are calculated and reported by the laboratory for the latter instance using a validated CODIS POPSTATS software program. A quantitative statement for inclusions will be in the laboratory report.
