

# Forensic Testing Services



RTI International provides reference and testing materials for forensic science applications. Serving both public and private organizations, we offer samples of biological matrices for proficiency testing, develop quality assurance/quality control samples to satisfy regulatory requirements, and provide reference materials to support forensic data.

## Blind QC Samples for Forensic Testing Programs

RTI offers urine, hair, oral fluid, and blood samples containing drugs or specimen validity test measurands. Uses include blinds, proficiency testing, assay validation, analyst training, and quality assurance/quality control for laboratory or onsite testing. We prepare and ship blinds that satisfy requirements for federally regulated drug testing programs (e.g., Health and Human Services, Department of Transportation, Nuclear Regulatory Commission).

## Proficiency Testing Program for Drugs in Oral Fluid

Oral fluid as a testing matrix is increasingly becoming the standard in criminal justice, clinical, and workplace drug-testing venues. As such, proficiency in testing oral fluid samples will continue to grow in importance for judicial and administrative processes, and laboratories testing such samples will be under increasing pressure to ensure the accuracy of their results. We have more than 20 years of experience providing drug-fortified proficiency testing samples to private and government laboratories.

## Analytical Hair Reference Materials for Forensic Testing

Limited quantities of hair reference materials are available for purchase by forensic testing laboratories. Laboratories can benefit from three distinct hair reference materials manufactured under strict quality control processes and validated for forensic use. Our matrix-matched calibrators or quality controls will enhance the supportability of forensic data by allowing laboratories to include external reference materials with drugs of abuse at near cut-off/threshold concentrations in their analytical procedures.

## Breath-Alcohol Reference Material

We offer breath-alcohol reference material for performing external quality control of breath-alcohol analyzers. A reference solution at a precise and reliable level of alcohol allows law enforcement and the public to have confidence that the instrument is performing properly.

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### More Information

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