

Analytical Hair Reference Materials Are Available to Forensic Testing Laboratories

Limited quantities of hair reference materials are available for purchase by forensic testing laboratories from the Center for Forensic Sciences at RTI International (RTI). Laboratories can benefit from four distinct hair reference materials that have been manufactured under strict quality control and validated for forensic use. These 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.



The following reference materials, including a Certificate of Analysis, are available for purchase.

Reference Material	Drug	Concentration Range	Price/Quantity
RM-RTI-CFS-2407-MOR-2	Morphine	617 ± 338 pg/mg	100 mg
RM-RTI-CFS-2407-COC-3	Cocaine	2337 ± 1162 pg/mg	100 mg
RM-RTI-CFS-2407-AMPS-4	<ul style="list-style-type: none"> • Amphetamine • Methamphetamine • Methylenedioxyamphetamine (MDMA, Ecstasy) 	<ul style="list-style-type: none"> • 1369 ± 362 pg/mg • 1529 ± 330 pg/mg • 1313 ± 234 pg/mg 	100 mg

RTI has been producing urine performance testing materials for over 20 years. In 2000, RTI expanded its program to include alternate matrices such as hair and oral fluid. In 2007, as part of a research effort funded by the National Institute of Justice,* RTI began producing reference materials for hair to be used by forensic laboratories as calibrators and controls for quality assurance and quality control measures.

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More Information

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