



Rocky Mountain Instrumental Laboratories, Inc.

## Forensic Testing and Expert Prices

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## Ethanol, Fluoride, and Glucose Analysis

Standard turn-around time for ethanol analysis is 1-2 weeks. Inquire if you need sample testing rushed.

<b>Test Name</b>	<b>Description</b>	<b>Price (\$)</b>
Ethanol in blood (BAC)	Analysis by GC-FID. Includes detection of methanol, acetone, and IPA.	100
Ethanol in urine (UAC)	Analysis by GC-FID. Includes detection of methanol, acetone, and IPA.	100
Sodium Fluoride Testing	Quantification of blood preservative present in grey-top tubes. (Should be ~1% or higher per CDPHE statutes).	50
Glucose Testing	Analysis of glucose in forensic blood samples. Useful in cases where abnormal blood glucose levels could be a contributing factor or fermentation is suspected.	650



## Blood/Urine Immunoassay Drug Screening

Immunoassay screens may not respond to every related drug or may respond to unrelated drugs. Positive immunoassay results **MUST** be confirmed by a more specific technique to be acceptable for legal purposes. Unconfirmed immunoassay screens are acceptable **ONLY** for confidential client use. No drug level information is available from an immunoassay. Standard turn-around time for immunoassay screening is 2-3 weeks. Inquire if you need sample testing rushed.

**RML Immunoassay (ELISA) Drug Panels for Blood and Urine**

	6 Panel	DUID Panel	12 Panel	Rx Panel	Rx PLUS	DFSA <sup>§</sup>	Total
Class // Price	\$100	\$130	\$200	\$200	\$250	\$250	\$350
Amphetamine	X	X	X		X		X
Methamphetamin	X	X	X		X	X	X
THC/THC-A	X	X	X		X	X	X
Cocaine/BZE	X	X	X				X
Opiates	X	X	X	X	X	X	X
Oxycodone	X	X	X	X	X	X	X
Zolpidem		X	X	X	X	X	X
Benzodiazepines		X	X	X	X	X	X
Barbiturates			X	X	X	X	X
Carisoprodol			X	X	X	X	X
Tricyclic			X	X	X	X	X
Tramadol			X	X	X		X
Buprenorphine				X	X		X
Meperidine				X	X	X	X
Methadone				X	X	X	X
Fentanyl				X	X		X
Propoxyphene							X
Dextromethorpha						X	X
PCP						X	X
LSD						X	X
Ketamine						X	X

<sup>§</sup>DFSA – urine preferred except for detection of zolpidem

Individual drug class: \$100

Additional drug class added to panel: \$25 each



## Blood/Urine Confirmatory Drug Testing

Identification and quantification are available for the standard drugs of abuse, common prescription drug classes, and many additional drugs. Drugs and/or metabolites are identified and measured by gas chromatography and mass spectrometry (GC-MS) or by Liquid chromatography and tandem mass spectrometry (LC-MS/MS). Standard turn-around time for drug confirmations is 3-5 weeks. Inquire if you need sample testing rushed.

Test Name	Description	Standard Price (\$)
THC and Metabolites	THC, THC-OH and THC-COOH quantified in blood or urine.	350
Standard Drug Class	See the table below for a list of commonly requested drug classes.	650
Levo/Dextro Methamphetamine Assay	This assay can be used to determine if meth in blood is levomethamphetamine (legal) or dextromethamphetamine (illegal). This differs from the standard LC-MS/MS meth assay.	1000
Custom Analysis	Our capabilities extend far beyond the commonly requested drug classes listed below. Check out our website or contact us if you don't see what you need below.	Inquire

### Blood/Urine Standard Drug Classes

- Amphetamine, Methamphetamine, MDMA, and metabolites
- Barbiturates
- Benzodiazepines and metabolites
- Buprenorphine and metabolite
- Carisoprodol and metabolite
- Cocaine and metabolites
- Fentanyl and metabolite
- GHB
- Ketamine and metabolite, methoxyetamine, and tiletamine
- LSD
- Methadone and metabolites
- Meperidine and metabolite
- Opiates (including oxycodone)
- PCP
- Propoxyphene and metabolite
- Tricyclic antidepressants (TCA)
- Tramadol
- Zolpidem (Ambien)



## Hair Drug Testing

We routinely run dedicated hair analyses for the following drug classes:

- Amphetamine, methamphetamine, MDMA, and metabolites
- Benzodiazepines and metabolites
- Cocaine and metabolites
- Opiates
- Zolpidem

Our standard turn-around time is 3-5 weeks. Additionally, we can monitor many more drug classes than those listed above. Contact us for custom pricing.

Test Name	Description	Standard Price (\$)
Solvent Extraction Hair Analysis	This is the typical hair analysis for drugs that are not smoked. It does not have the capacity to distinguish between passive and active exposure.	650
Protein Hydrolysis Hair Analysis	This analysis can distinguish between passive and active exposure for drugs that are smoked. It involves several specialized washes and disintegration of the hair to determine drugs present as a result of use.	750
Segmented Hair Analysis	The hair sample is cut into three sections which act as three different timeframes. This can be important if it is imperative to show drug usage has dropped-off or increased over time.	1000



## Controlled Substance Identification

Substance identification (SubID) and quantification are available for the standard drugs of abuse, common prescription drug classes, and many additional drugs and chemicals. The table below lists our standard pricing for SubID applications. Every analysis will have an added fee resulting from sample accessioning and processing. Call for a custom quotation if you plan to submit two (2) or more samples at a single time. Standard turn-around time is 3-5 weeks.

Test Name	Description	Price (\$)
Targeted GC-MS Scan	GC-MS scan to identify common drugs of abuse or marijuana/THC in powders, residues, or liquids. Requires knowledge of substances thought to be present.	550
Non-targeted GC-MS Scan	GC-MS scan of to identify common drugs of abuse or marijuana/THC in powders, residues, or liquids. Does not require knowledge of substances thought to be present.	850
Substance Purity	Quantification of a single component within the sample via GC-MS, HPLC-PDA, or LC-MS/MS based on the Director's discretion.	650
FT-IR Analysis	FT-IR scan to identify common drugs of abuse in powders and provide chemical fingerprinting for raw materials.	450
Substance sample accessioning/processing	This can range in price from \$150-\$300 per hour on a case-by-case basis. DEA supervised controlled substance sample processing is always \$300/hour.	Inquire

**SYNTHETIC CANNABINOIDS / BATH SALTS:** There exist several hundred drugs in these categories and more are synthesized every week. The ELISA screens have only recently become available. The immunoassay may react to dozens of individual drugs and/or metabolites, and there is little literature to establish the expected concentrations of either the parent drug or metabolites. Furthermore, pure standards of the drugs or metabolites with reliable certificates of analysis may not be available. Contact us for a custom quotation.



## Postmortem (Coroner) Sample Analysis

**As defined by the Society of Forensic Toxicologists (SOFT), Post-Mortem Forensic Toxicology** determines the absence or presence of drugs and their metabolites, chemicals such as ethanol and other volatile substances, or other toxic chemicals in human fluids and tissues. The results are used to evaluate the drug or chemical's role as a determinant or contributory factor in the cause and manner of death. It is preferred that both urine, for screening, and blood, for confirmation, be available.

While RMIL offers testing for common drugs, we have also worked with coroners and police agencies in several states to determine the identity and amount of synthetic cannabinoids (SC), aka "SPICE" in blood and urine from those injured by various toxic SC. We test for many of the common SC and are adding more as they become available as documented pure standards.

Please contact the laboratory for a custom quotation on post-mortem drug screening and confirmation laboratory services.



## Professional Services

### Mini-consultation - \$100

A mini-consultation is a brief review of the case facts in order to help you decide if further testing or expert analysis is warranted. No formal report is included. The cost of the mini-consult will be credited if additional services are requested.

### Litigation Packet Review - \$300/hour

A Litigation Packet Review is an evaluation of the validity of a result based on a review of the test documentation presented. A verbal report or a short written report will be made as per the attorney's request. Most litigation packet reviews require only 1-3 hours. In some cases of egregiously poor documentation, a review of the raw (electronic) data will be recommended. We recommend a mini-consultation in order to receive a dialed-in quotation.

### General Professional Fees

Service	Price (\$)
Professional Time*	300/hour
Litigation Packet Creation	200/hour
Administrative Time	125/hour
Sample collection (hair, urine, etc)	50
Affidavits	
• Standard long-form (ethanol result)	450
• Short-form (ethanol result)	300
• Custom (\$450 minimum)	300/hour

\*Professional time includes consultation, research, document review, report preparation, and observation of testing at other facilities.

### Expert Witness Fees

All professional time, including testimony, observation of testing and sample collection, or other services is computed door-to-door. Client pays all additional costs such as airfare, hotel, FedEx charges, etc. Depositions in all cases unless specified below are billed at \$450.00 per hour. A non-refundable fee of \$100 is charged for reserving the time of an expert for court.

Case Type	Price (\$)
Felony/Civil	
• Hourly	450
• Minimum	1000
• Daily Rate	4500
Misdemeanor	
• Hourly	350
• Minimum	600
• Daily Rate	3500
DMV Hearing	
• Phone Testimony	600
• Fort Collins/Loveland	750
• Denver/Boulder	1200

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## Courier Fees and Sample Submission

Type of Sample Transfer	Price (\$)
RML Transfer for re-testing	
• Colorado Bureau of Investigation	30
• Denver Police Dept.	50
• Other	Inquire
Return by USPS (Certified Mail)	50
Return by FedEx (General)	100
FedEx (Blood Stain)	100

\*See p. 6 (“Controlled Substance Identification”) for pricing of controlled substance evidence transfers.

### Instructions for Sample Submission

Visit <https://rockylab.com/request-an-analysis.html> for detailed sample submission instructions. Contact us if you need any questions answered.

## Contact Us

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