

Juvenile Prosecution: Trending Topics for the 21st Century

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APAAC Training Room
1951 W Camelback Rd., Unit 202,
Phoenix, Arizona



Up in Smoke: Marijuana Vaping

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DRUG TOXICOLOGY CONFIRMATION TESTS

Below is a list of the drugs that are specifically targeted in confirmation testing for **BLOOD**. Drug concentrations below lab cutoff are not reported as positive.

DRE's – Please list your calls on the Scientific Examination request forms. DRE calls of CNS Depressants, Narcotic Analgesics, and Dissociative Anesthetics will always go on for additional testing even if the ELISA preliminary screen is negative.

Whenever in doubt please list all drugs found/suspected/admitted. This will ensure DPS meets all your testing needs.

Additional types of cases: If the case involves a child, officer (e.g., officer involved shooting), sexual assault, or death, the case will receive secondary screening in addition to the ELISA preliminary screen.

THC Group 2ng/ml Cutoff

Carboxy-THC (**Qualitative**)

THC

(**Qualitative**)

Carisoprodol Group 1000ng/ml

Carisoprodol

Meprobamate

Amines 25ng/ml Cutoff

Methamphetamine

MDMA

Amphetamine

MDA

Ephedrine (**Qualitative**)

Pseudoephedrine (**Qualitative**)

Methadone 20ng/ml

Methadone

Cocaine Group 25ng/ml Cutoff

Benzoylcegonine (**Qualitative**)

Cocaine (**10ng/ml Cutoff**)

Cocaethylene

Ecgonine Methyl Ester

Zolpidem (Ambien) 5ng/ml

Zolpidem

Benzodiazepines Group 5ng/ml Cutoff

Alprazolam Oxazepam

Clonazepam Triazolam

Diazepam Estazolam

Nordiazepam

7-aminoclonazepam (**Qualitative**)

Flunitrazepam

Lorazepam (**10ng/ml Cutoff**)

Midazolam (**Qualitative**)

Temazepam

Desalkylflurazepam

Opiates Group 5ng/ml Cutoff

Morphine (**10ng/ml cutoff**)

Codeine (**2ng/ml cutoff**)

Hydrocodone

Hydromorphone

Oxycodone

6-monoacetylmorphine (**2ng/ml**)

Oxymorphone

For cases requiring testing beyond ELISA screening, a General Acidic or General Basic drug screen and confirmation may be run. Controls used in these assays are run at specific, prepared concentrations typically consistent with lower therapeutic ranges. These assays are not considered quantitative; therefore, the results are reported out without numerical values. .



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In addition to the drugs listed below, additional drugs may be identified in the secondary screening process. Some of the more common ones that are not found in the standard mixes but can be identified with a known standard are listed in parenthesis (). The ability to confirm a given drug beyond those listed below is based on several things including the labs access to a specific standard, chemistry of the drug, and its therapeutic range.

Acidics Group

Valproic Acid	Ethosuximide	Ethinamate	Methsuximide	Butabarbital
Butalbital	Normethsuximide	Amobarbital	Pentobarbital	Secobarbital
Meprobamate	Gluthethimide	Hexobarbital	Carisoprodol	Phenobarbital
Metaxalone	Primidone	Carbamazepine	Phenytoin	Oxcarbazepine
(Talbutol)	(Topiramate)	(Methocarbamol)		

Generals Group

Meperidine	Normeperidine	Ketamine	Phencyclidine (PCP)	Tramadol
O-desmethyltramadol	EDDP	Methadone	Levorphanol	Dihydrocodeine
Fentanyl	Fluoxetine	Diphenhydramine	Doxylamin	Chlorpheniramine
Amitriptyline	Nortriptyline	Cyclobenzaprine	Clomipramine / Desmethylclomipramine	
Lamotrigine	Midazolam	Hydroxyzine	Alprazolam	Thioridazine
Bupropion	Erythro/threo Hydrobupropion	Hydroxybupropion	Lidocaine	Venlafaxine
Levo/Dextromethorphan		Imipramine	Mirtazepine	Sertraline
Citalopram	Loxapine	Zolpidem	Estazolam	Buspirone
Trazodone				
(Etizolam)	(Mephedrone)	(Norketamine)	(Promethazine)	(Quetiapine)