

The Truth about Drug and Alcohol Testing

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Basics in Testing

Urine Testing


- *LAB*
- *INSTANT*








LAB Testing

FIVE PANEL URINE






- Cocaine
- Marijuana
- Opiates*
- Amphetamines
- PCP

Non-DOT Drug Test - 5 or 10 Panel 

5 Panel Includes:

 Marijuana	 Cocaine	 Opiates	 Amphetamines	 PCP
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10 Panel Also Includes:

 Barbiturates	 Benzodiazepines	 Methadone	 Quaaludes	 Propoxyphene
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LAB Testing

FIVE PANEL URINE

- Cocaine
- Marijuana
- Opiates*
- Amphetamines
- PCP

EtG / EtS

(Ethyl Sulfate)

Non-DOT Drug Test - 5 or 10 Panel  ebiinc.com

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 Marijuana	 Cocaine	 Opiates	 Amphetamines	 PCP
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10 Panel Also Includes:

 Barbiturates	 Benzodiazepines	 Methadone	 Quaaludes	 Propoxyphene
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LAB Testing

TEN PANEL URINE

- (5 plus)
- Barbiturates
- Benzodiazepines
- Methadone,
- Methaqualone,
- Propoxyphene

LAB Testing

ETG/ ETS

Ethyl Glucorinide / Ethyl sulfate

80 hour Alcohol

Laboratory Testing

- o **5-panel -**

Amphetamines (Methamphetamines) Cocaine, Opiates (Codeine, Morphine, Heroin) PCP & Marijuana

- o **10-panel -**

Same as above with addition of *Barbiturates, Benzodiazepine (Librium, Ativan & Valium), Methadone, Methaqualone & Propoxyphene (Darvon & Darvocet)*

- o **10-panel with extended Opiates -**

Oxycodone (Percodan, Percocet, Oxycodone, Tylox) Hydrocodone (Vicodin) and Hydromorphone (Dilaudid) extended Amphetamines (MDMA Ecstasy and MDA)

- o **10-panel with extended Opiates & Extended Amphetamines and alcohol**

- o **5-panel with alcohol -**

- o **10-panel with alcohol -**

- o **5-panel with EtG (80 hour alcohol test) -**

- o **10-panel with EtG (80 hour alcohol test) -**

- o **EtG (80 hour alcohol test) -**

- o **Spice -**

Instant Drug Testing

Instant gives **YES** or **NO**,

YES = Positive

No = Negative

- o **5-panel** - *Amphetamines, Methamphetamines, Cocaine, Opiates (Codeine, Morphine, Heroin Metabolites) & Marijuana* -
- o **10-panel** - Same as above test but also includes Benzodiazepines, Barbiturates, Methadone, Oxycodone, PCP
- o **10-panel plus Alcohol** – Same as above test but also includes Benzodiazepines, Barbiturates, Methadone, Oxycodone, PCP, Alcohol -
- o **Spice** - Spice is synthetic marijuana
- o **Breathalyzer – Alcohol Test** - Shorter Window based on consumption

Lab test gives **levels** on positive substances



Instant Drug Testing

Instant drug tests give results in 10 minutes. The Instant Test will only indicate a positive or negative. If positive the test should go on to the lab and Medical Review Officer for confirmation. Only lab tests will give a level if the test is positive.

- o **5-panel** - *Amphetamines, Methamphetamines, Cocaine, Opiates (Codeine, Morphine, Heroin Metabolites) & Marijuana* -
- o **10-panel** - Same as above test but also includes Benzodiazepines, Barbiturates, Methadone, Oxycodone, PCP -
- o **10-panel plus Alcohol** – Same as above test but also includes Benzodiazepines, Barbiturates, Methadone, Oxycodone, PCP, Alcohol -
- o **Spice** -
- o **Breathalyzer – Alcohol Test** -



Hair Drug Testing

Compared with urine specimen testing:

- Hair testing provides up to 2.5 to 4 times the number of positives
- Longer detection window
- Screens for approximate 90-day + drug use history – determined by length of hair.

5-panel Hair Test

- ***Amphetamines*** (*Amphetamines, Methamphetamines & Ecstasy*)
- ***Cocaine, Opiates*** (*Codeine, Morphine, Heroin Metabolites*)
- ***PCP & Marijuana.***



Extended....

Hair Drug Testing



Extended Opiate Screen

- ***Oxycodone*** (*Percodan, Percocet, OxyContin, Tylox*)
- ***Hydrocodone*** (*Vicodin*)
- ***Hydromorphone*** (*Dilaudid*)

Turnaround time for Hair Testing

- Negative: 1 to 2 business days
- Positive: 3-4 days.

Positive results are reviewed by a Medical Review Officer.

Hair Drug tests are available in additional panels, let us know your needs.

Drug Exposure vs. Ingestion

What You Need to Know

Environmental exposure to illicit drugs is an indirect marker of harm. Exposure testing is different from workplace drug testing.

Zero Metabolite ≠ Zero Exposure

Child hair samples often do not contain drug metabolites, because the child has not ingested illicit substances.

Standard drug tests use government workplace testing guidelines, which can report negative results **even when a native drug is present.**

Workplace guidelines can result in false negative reporting for drug exposure in children.

Hair testing is 3.5x more likely to detect methamphetamine exposure. Combined with the D/L methamphetamine isomer testing option, a hair test can give professionals the information they need to make an informed decision.

CHILDGUARD®
Hair Exposure Testing

The Association Between Drug Exposure and Harm to Children

Children in environments where they are exposed to illicit drugs are at higher risk for abuse and neglect

4.2x

more likely to
experience **neglect**

2.7x

more likely to
experience **abuse**

43%

of child **abuse**
cases before the court
involve substance abuse



ChildGuard® is a hair test

- *A protective tool for children at risk in harmful environments.*
- ChildGuard® is the only *hair test* designed to detect passive exposure to drugs.

Exposure is an indirect marker of harm to children. ChildGuard® places the investigative emphasis on the child's environment.

ChildGuard®

- ChildGuard® can provide information about the child's environment for the past 3 months. A positive result indicates the child has experienced one or more of the following: passive inhalation of drug smoke, contact with drug smoke, contact with sweat or skin oil of a drug user, contact with the physical substance, or accidental or intentional ingestion of illegal drugs.

Included in 5 Panel	Amphetamines	\$150
	Cannabinoids *	
	Cocaine	
	Opiates	
	Phencyclidine	
Added in 7 Panel	Benzodiazepines	Upon Request
	Barbiturates	
Added in 9 Panel	Methadone	Upon Request
	Propoxyphene	

Nail Tests

Nail specimens provide the widest window of detection.

Fingernails – 3 to 6 months

Toenails – Up to 12 months

NailStat® and HairStat® EtG

Our nail and hair EtG tests reliably report a donor's alcohol exposure for the past 3 months. EtG in hair and nails has the best look back of any specimen analyzed for alcohol usage.

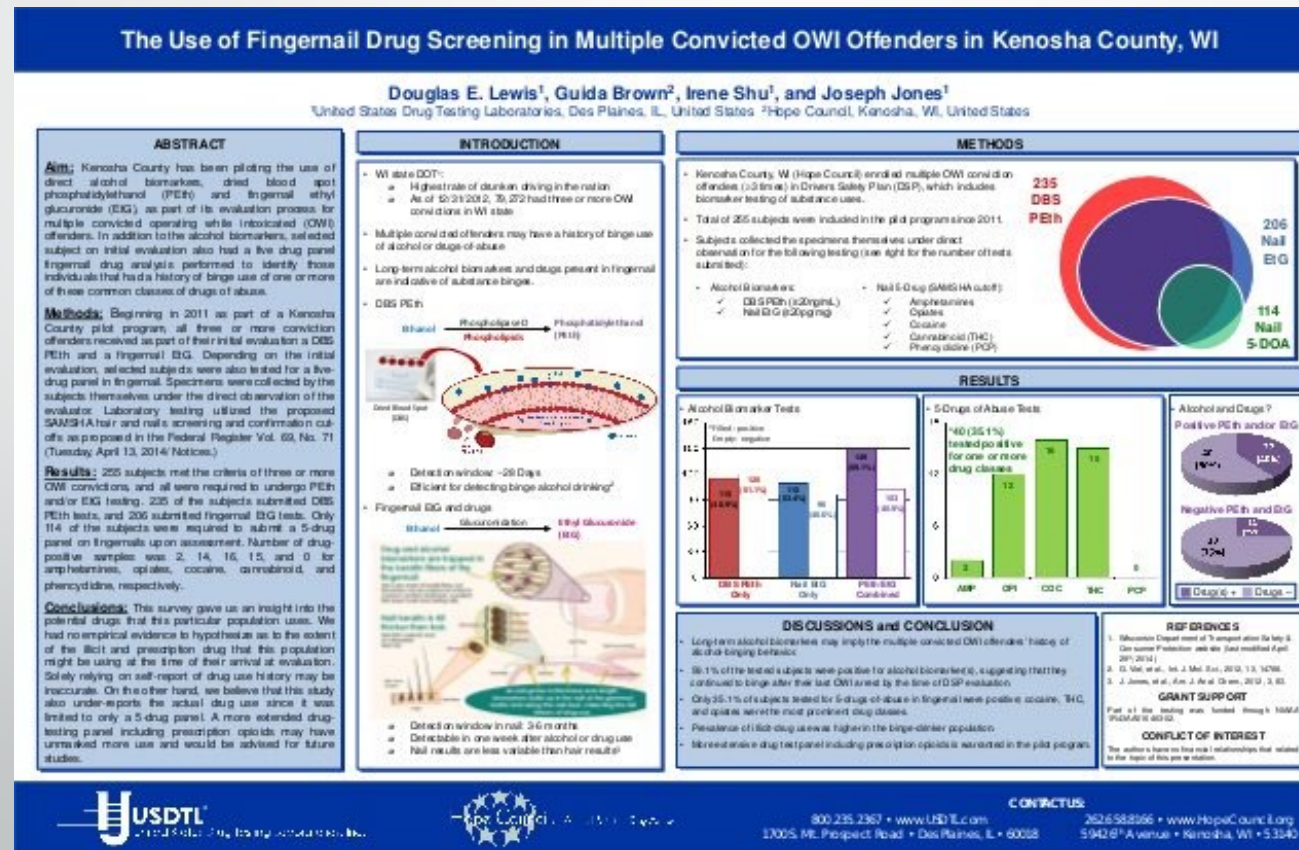


ETG	ETG Only	Pricing
Included in 5 Panel	Amphetamines	Upon Request
	Cannabinoids	
	Cocaine	
	Opiates	
	Phencyclidine	
5 Panel + ETG	ETG	Upon Request
Added in 7 Panel	Benzodiazepines	Upon Request
	Barbiturates	
Added in 9 Panel	Methadone	Upon Request
	Propoxyphene	
Added in 12 Panel	Meperidine	Upon Request
	Tramadol	
	Oxycodone	
Added in 14 Panel	Fentanyl	Upon Request
	Sufentanil	
Added in 15 Panel	Ketamine	Upon Request
Added in 16 Panel	Buprenorphine (Suboxone)	Upon Request
Added in 17 Panel	Zolpidem (Ambien)	Upon Request

Nail Tests

NailStat® and HairStat® EtG

Our nail and hair EtG tests reliably report a donor's alcohol exposure for the past 3 months. EtG in hair and nails has the best look back of any specimen analyzed for alcohol usage.



BloodSpot® or PEth

Phosphatidylethanol or PEth is an abnormal phospholipid formed in cell tissues following alcohol exposure. PEth testing helps discriminate between incidental exposure and intentional alcohol ingestion as the volume of alcohol required to trigger a positive PEth result is far above the level commonly attained by incidental exposure. Positive results indicate risky alcohol drinking during 2-3 weeks prior to the collection.



21-28 Days

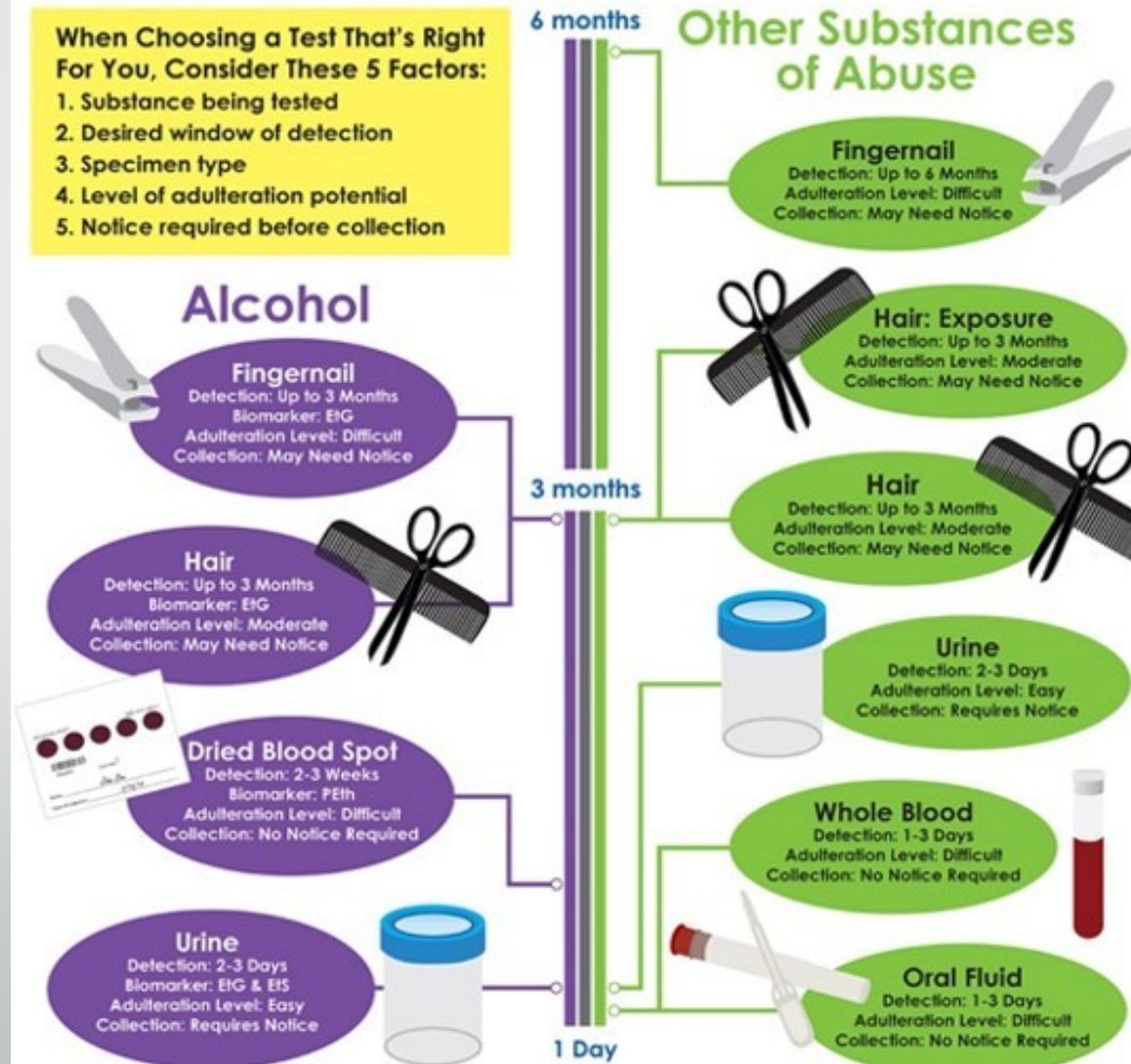
Choosing The Right Drug Test:

Direct Alcohol Biomarkers and Other Substances of Abuse

Window of Detection / History of Use

When Choosing a Test That's Right For You, Consider These 5 Factors:

1. Substance being tested
2. Desired window of detection
3. Specimen type
4. Level of adulteration potential
5. Notice required before collection



Adulterate = Change, Modify, Alter the urine Sample, prior to or after The urine leaves the body.



Time Frames for Test Results

Urine Screens Lab – Medtox **24-48 Hours** for a negative
IF Positive – Add an extra **5-6 business days**. A positive lab test will always go on for a confirmatory test.

Hair Testing – Omega Lab **24-48 hours** Negative
Positive **Add 2-3 more** days.

Hair& Nail USDTL lab – **3-4 business days** for negative
Add Another **2-3 more business days if positive**

PEth Test USDTL Lab – **Negative 3-4 days positive add 2-3 business days**

DNA Paternity – **5 day turnaround**

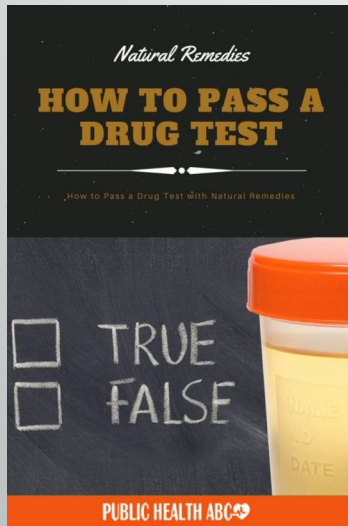
Other DNA Grandparentage/Siblingship etc. **add 2-3 days**



The Cold / Hot Truth About Drug screens:

Problems that screeners face:

Randoms, Post Accident, Pre-Employment, Court Ordered



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THANK YOU!

