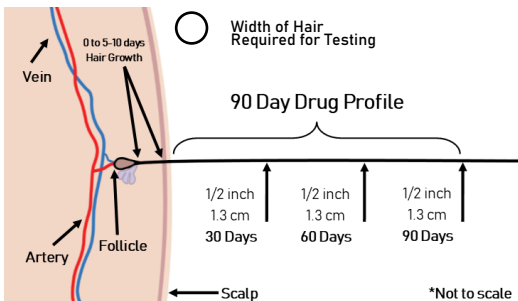


Drug Classes	17	13	10	8	7	5+	5
Amphetamine	✓	✓	✓	✓	✓	✓	✓
Methamphetamines Methamphetamine, Ecstasy (MDMA), MDA	✓	✓	✓	✓	✓	✓	✓
Cocaine/Metabolites Cocaine, Benzoylcegonine, Cocaethylene, Norcocaine Ortho Hydroxycocaine, Meta Hydroxycocaine, Para Hydroxycocaine	✓	✓	✓	✓	✓	✓	✓
Marijuana (THC/Carboxy THC) Carboxy-THC	✓	✓	✓	✓	✓	✓	✓
Phencyclidine	✓	✓	✓	✓	✓	✓	✓
Opiates Codeine, Morphine, Heroin Metabolite (6-MAM)	✓	✓	✓	✓	✓	✓	✓
Extended Opiates Hydrocodone, Oxycodone, Hydromorphone, Oxymorphone	✓	✓	✓	✓	✓	✓	
Benzodiazepines Alprazolam, Nordiazepam, Clonazepam, Oxazepam, Diazepam, Temazepam, Lorazepam	✓	✓	✓		✓		
Barbiturates Phenobarbital, Secobarbital, Pentobarbital, Amobarbital, Butalbital	✓	✓	✓				
Methadone/Metabolites Methadone, EDDP	✓	✓	✓				
Tramadol	✓	✓					
Fentanyl/Metabolites Fentanyl, Norfentanyl	✓	✓		✓			
Buprenorphine/Metabolites Buprenorphine, Norbuprenorphine	✓	✓					
Ketamine/Metabolite Ketamine, Norketamine	✓						
Meperidine/Metabolites Meperidine, Normeperidine	✓						
Propoxyphene	✓		✓				
Zolpidem	✓						



Hair Growth Explained

The typical hair test uses a 1.5 inch (3.81 cm) segment of head hair collected from close to the scalp. Since the average growth rate of human head hair is approximately 1/2 inch (1.3 cm) per month, a typical hair test covers an approximately 90 day time frame.

While a cotton ball sized sample of body hair can also be utilized, it represents a more distant time frame than head hair.

Drug Classes	10	6
Amphetamine	✓	✓
Methamphetamines Methamphetamine, MDMA, MDA, MDEA	✓	✓
Cocaine Cocaine, Benzoylcegonine,	✓	✓
Marijuana (THC) THC	✓	✓
Phencyclidine	✓	✓
Opiates Codeine, Morphine, Hydrocodone, Heroin Metabolite (6-MAM)	✓	✓
Oxycodone	✓	
Benzodiazepines Diazepam, Nordiazepam, Alprazolam	✓	
Barbiturates Secobarbital, Butalbital, Pentobarbital, Phenobarbital, Amobarbital	✓	
Methadone Methadone	✓	
Cotinine (Nicotine Metabolite) Cotinine (Standalone Test)		

Comparison of Drug Testing Methods

	Urine Testing	Oral Fluid Testing	Hair Testing
Window of Detection	12 hours - 3 Days <i>(THC up to 30 days)</i>	Minutes - 2 Days	1 week - 3 Months
Laboratory Turnaround	1-2 Days	1-3 Days	1-3 Days <i>(H5P - H8P)</i>
Adulteration	Commonly available	Difficult to adulterate	Difficult to adulterate
Collection Difficulty	Invasive, special facilities required	Non-invasive	Non-invasive
Average Collection Time	5 Min—3 Hours <i>(Shy Bladder)</i>	5 Min	5 Min
Best Use	Post Accident, For Cause	Pre-Employment, Post Accident, For Cause, Random	Pre-Employment, Random