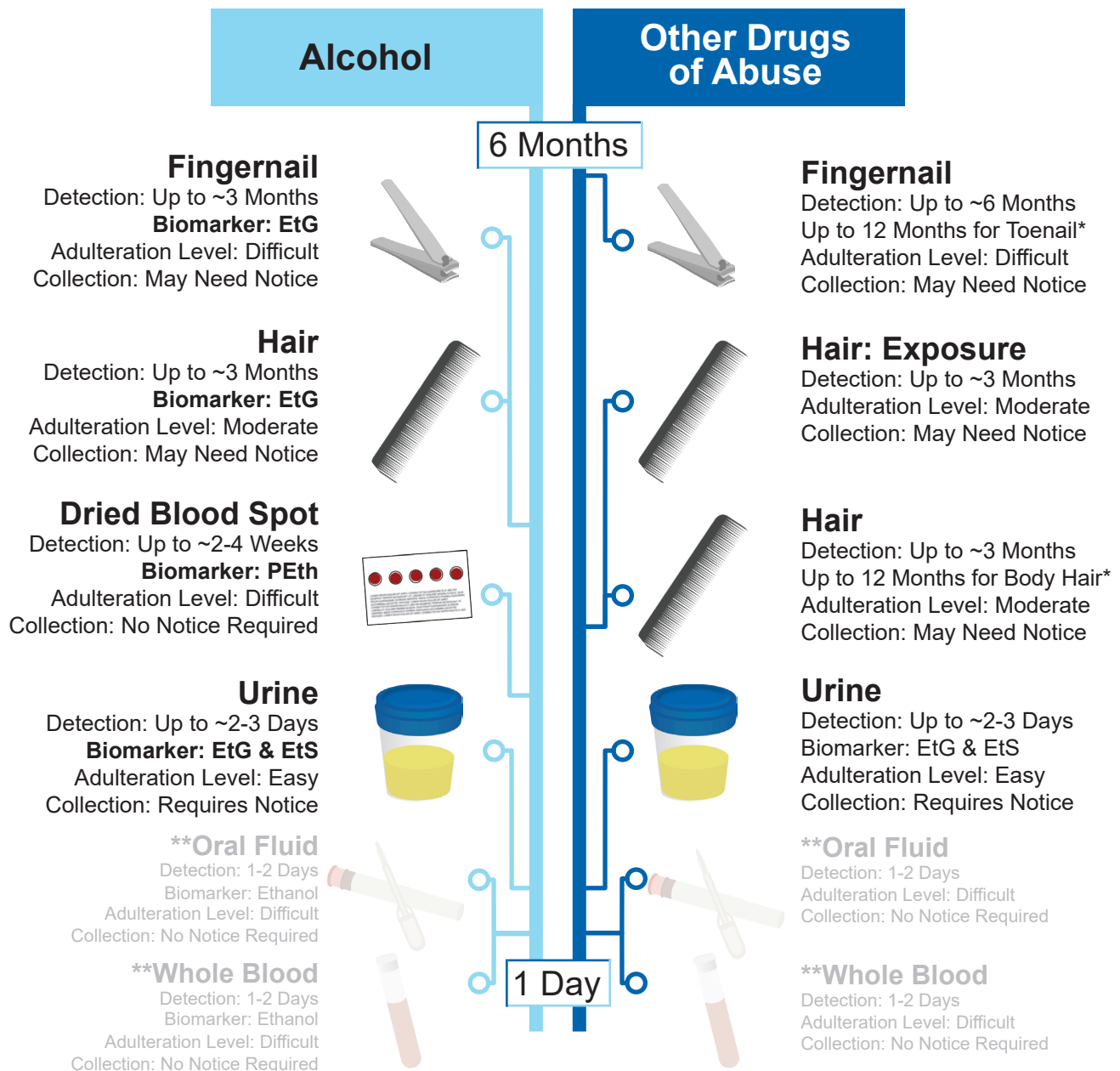


Choosing The Right Test:

Direct Alcohol Biomarkers and Other Substances of Abuse

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

1. Range of testing (drug panel)
2. Desired window of detection
3. Specimen type
4. Level of adulteration potential
5. Notice required before collection



*Collection of toenail and body hair should only be used if the primary matrices are not available.
Regarding collection: fingernail and toenail cannot be mixed; head hair and body hair cannot be mixed.

**Not offered at USDTL.

Hair and Nail Drug Panels

Drug Panels:

19 18 17 16 15 14 12 10 9 7 5

Amphetamines <i>amphetamine, MDA, MDEA, MDMA, methamphetamine</i>	●	●	●	●	●	●	●	●	●	●	●
Cannabinoids <i>carboxy-THC,</i>	●	●	●	●	●	●	●	●	●	●	●
Cocaine <i>benzoylecgonine, cocaethylene, cocaine, norcocaine</i>	●	●	●	●	●	●	●	●	●	●	●
Opiates <i>6-MAM, codeine, hydrocodone, hydromorphone, morphine, norhydrocodone</i>	●	●	●	●	●	●	●	●	●	●	●
Phencyclidine <i>phencyclidine (PCP)</i>	●	●	●	●	●	●	●	●	●	●	●
Benzodiazepines <i>alprazolam, diazepam, midazolam, nordiazepam, oxazepam, temazepam</i>	●	●	●	●	●	●	●	●	●	●	●
Barbiturates <i>amobarbital, butalbital, pentobarbital, phenobarbital, secobarbital</i>	●	●	●	●	●	●	●	●	●	●	●
Methadone <i>EDDP, methadone</i>	●	●	●	●	●	●	●	●	●	●	●
Propoxyphene <i>propoxyphene, norpropoxyphene</i>	●	●	●	●	●	●	●	●	●	●	●
Oxycodone <i>oxycodone, oxymorphone, noroxycodone</i>	●	●	●	●	●	●	●	●	●	●	●
Meperidine <i>normeperidine</i>	●	●	●	●	●	●	●	●	●	●	●
Tramadol <i>tramadol</i>	●	●	●	●	●	●	●	●	●	●	●
Fentanyl <i>fentanyl, norfentanyl, alfentanil, acetyl fentanyl, acetyl norfentanyl</i>	●	●	●	●	●	●	●	●	●	●	●
Sufentanil <i>sufentanil, norsufentanil</i>	●	●	●	●	●	●	●	●	●	●	●
Ketamine <i>ketamine, norketamine</i>	●	●	●	●	●	●	●	●	●	●	●
Buprenorphine <i>buprenorphine, norbuprenorphine</i>	●	●	●	●	●	●	●	●	●	●	●
Zolpidem <i>zolpidem (e.g. Ambien®)</i>	●	●	●	●	●	●	●	●	●	●	●
Kratom <i>mitragynine, 7-hydroxymitragynine</i>	●	●	●	●	●	●	●	●	●	●	●
Gabapentin <i>gabapentin</i>	●	●	●	●	●	●	●	●	●	●	●