

# Hair Drug Test Cut-off Levels & Hair Dose Response

## Hair Drug Test Cut-off Levels

Drug Class	Screening Cut-off Level	Confirmation Cut-off Level
<b>Amphetamines</b> <i>Amphetamine, Methamphetamine &amp; Ecstasy</i>	500 pg/mg hair	500 pg/mg hair
<b>Cocaine</b> <i>Cocaine &amp; Benzoyllecgonine</i>	500 pg/mg hair	500 pg/mg hair
<b>Opiates</b> <i>Codeine, Morphine &amp; 6-MAM (Heroin metabolite)</i>	300 pg/mg hair	300 pg/mg hair
<b>Phencyclidine</b> <i>PCP</i>	300 pg/mg hair	300 pg/mg hair
<b>Marijuana</b> <i>Carboxy-THC</i>	1 pg/mg hair	0.3 pg/mg hair

\* pg/mg = picogram per milligram of hair

\*The HairConfirm™ test does not screen for any prescription medications with the exception of Codeine & Morphine

## Hair Dose Response

Drug Class	Confirmation Cut-off Level	Low use (occasional)	Medium use (weekdays/ weekends)	High use (constant)
<b>Amphetamines</b>	500 pg/mg hair	500-2500 pg	2500-7500 pg	7500+ pg
<b>Cocaine</b>	500 pg/mg hair	500-2000 pg	2000-10000 pg	10000+ pg
<b>Opiates</b>	300 pg/mg hair	300-1000 pg	2000-8000 pg	9000+ pg
<b>Phencyclidine</b>	300 pg/mg hair	300-500 pg	500-1000 pg	2000+ pg
<b>Marijuana</b>	0.3 pg/mg hair	Qualitative - amount does not correlate to usage		

This data was acquired from various academic studies with admitted drug users and are thus subject to numerous sources of variability (e.g., purity, inadequate self-report, etc.). Please use these graphs as a guide only and not as exact numerical interpretation. This information may be useful to help establish an appropriate type of rehabilitation program or to compare two separate time periods.