



QTN - EMPLOYER SOLUTIONS HAIR SUBSTANCE ABUSE PANELS

19870N - HAIR SUBSTANCE ABUSE PANEL 5

Req Name: HAIR-5

HAIR specimens are screened by immunoassay (IA) at the following initial screen cutoffs. Positives are confirmed by gas chromatography-mass spectrometry (MS) or MS/MS at the confirmatory cutoffs below.

SUBMITTED HAIR SPECIMEN TESTED AT THE LISTED CUTOFFS.

DRUG CLASS	INITIAL TEST LEVEL	CONFIRMATORY TEST LEVEL	CONFIRMATORY METHOD
AMPHETAMINES	300 pg/mg		
Amphetamine		300 pg/mg	MS
Methamphetamine		300 pg/mg	MS
MDA		300 pg/mg	MS
MDMA		300 pg/mg	MS
COCAINE / METABOLITES	300 pg/mg		
Benzoylecgonine		300 pg/mg	MS
Cocaine		300 pg/mg	MS
Cocaethylene		300 pg/mg	MS
Norcocaine		300 pg/mg	MS
MARIJUANA METABOLITE (THC-COOH)	1.0 pg/mg	0.1 pg/mg	MS
OPIATES	500 pg/mg		
Morphine		500 pg/mg	MS
Codeine		500 pg/mg	MS
6-Acetylmorphine (6AM)		500 pg/mg	MS
PHENCYCLIDINE	300 pg/mg	300 pg/mg	MS

Testing Lab(s): Lenexa, Kansas

Amphetamines:

- Methamphetamine is reported as positive if the concentration is ≥ 300 pg/mg AND the concentration of Amphetamine is ≥ 50 pg/mg.
- All other drugs in the amphetamines class are reported as positive at ≥ 300 pg/mg.

Cocaine:

- Cocaine is reported if the concentration of Cocaine is ≥ 300 pg/mg AND Benzoylecgonine is ≥ 50 pg/mg and $\geq 5\%$ of the cocaine concentration.
OR Cocaethylene is ≥ 50 pg/mg
OR Norcocaine is ≥ 50 pg/mg.
- The cocaine metabolites, benzoylecgonine, cocaethylene and norcocaine are reported as positive if the concentration is ≥ 300 pg/mg.
- Note: A report which simply has Cocaine reported as positive with no other metabolites listed should be interpreted as Cocaine present at ≥ 300 pg/mg and some combination of Benzoylecgonine present at ≥ 50 pg/mg to < 300 pg/mg and $\geq 5\%$ of the cocaine concentration and/or Cocaethylene at ≥ 50 pg/mg to < 300 pg/mg and/or Norcocaine at ≥ 50 pg/mg to < 300 .

Marijuana Metabolite:

- Marijuana metabolite is reported as positive if the concentration is ≥ 0.1 pg/mg.

Opiates:

- All opiates are reported as positive if the concentration(s) is ≥ 500 pg/mg.

Phencyclidine (PCP):

- PCP is reported as positive if the concentration is ≥ 300 pg/mg.