



## EMPLOYER SOLUTIONS HAIR SUBSTANCE ABUSE PANELS

### 26220N - HAIR SUBSTANCE ABUSE PANEL 5-EXP OPIATES

Req Name: HAIR-5 (EXPANDED OP)

Hair specimens are screened by immunoassay (IA) at the following initial screen cutoffs. Positives are confirmed by mass spectrometry (MS) at the confirmatory cutoffs below.

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

#### **Amphetamines:**

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

#### **Cocaine:**

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

#### **Marijuana Metabolite:**

- Marijuana metabolite is reported as positive if the concentration is  $\geq 0.1$  pg/mg.

#### **Opiates:**

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

#### **Phencyclidine (PCP):**

- PCP is reported as positive if the concentration is  $\geq 300$  pg/mg.

Testing Lab(s): Lenexa, Kansas

Employer Solutions 10101 Renner Blvd Lenexa, Kansas 66219 800-877-7484

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