

# CHANGES IN DOT DRUG TESTING:

## *A Toxicology Topic*

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After many years of testing under the current Federal Guidelines several changes are to be **implemented on October 1, 2010** for all federally regulated (DOT) urine drug testing.

These changes include the following:

1. Changes in cutoff level:
  - a. Cocaine Screen will change from 300 ng/mL to 150 ng/mL
  - b. Cocaine Confirmation will change from 150 ng/mL to 100 ng/mL
  - c. Amphetamine Screen will change from 1000 ng/mL to 500 ng/mL
  - d. Amphetamine Confirmation will change from 500 ng/mL to 250 ng/mL
  
2. Changes in drugs tested, adding the following:
  - a. All specimens will be screened for 6-acetylmorphine (6-AM) at 10 ng/mL
  - b. All positive screens for 6-AM will be confirmed at 10 ng/mL
  - c. All specimens will be screened for MDMA (Ecstasy) at 500 ng/mL
  - d. All positive screens for MDMA will be confirmed for MDMA, MDA and MDEA at 250 ng/mL
  
3. The traditional **NIDA 5 Panel** is being replaced with the **SAMHSA 7 Panel** composed of the following:

	Initial test analyte	Initial test cutoff concentration	Confirmatory test analyte	Confirmatory test cutoff concentration
1	Marijuana metabolites	50 ng/mL	THCA	15 ng/mL
2	Cocaine metabolites	150 ng/mL	Benzoyllecgonine	100 ng/mL
3	Opiate metabolites Codeine/Morphine	2000 ng/mL	Codeine Morphine	2000 ng/mL 2000 ng/mL
4	6-acetylmorphine	10 ng/mL	6-acetylmorphine	10 ng/mL
5	Phencyclidine	25 ng/mL	Phencyclidine	25 ng/mL
6	Amphetamines Amp/Methamp	500 ng/mL	Amphetamine Methamphetamine	250 ng/mL 250 ng/mL
7	MDMA	500 ng/mL	MDMA MDA MDEA	250 ng/mL 250 ng/mL 250 ng/mL

