



PERSONNEL AND
READINESS

UNDER SECRETARY OF DEFENSE
4000 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-4000

APR 11 2012

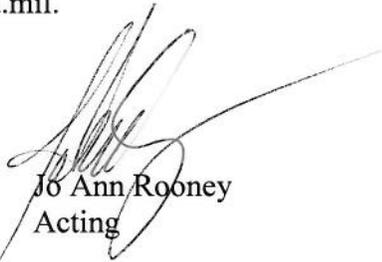
MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARY OF DEFENSE FOR POLICY
CHIEF, NATIONAL GUARD BUREAU
DIRECTORS OF THE DEFENSE AGENCIES

SUBJECT: Lowering of Opiate Screening (Morphine and Codeine) Cut-off Concentration

The Department of Defense (DoD) drug testing panel was recently updated to reflect the addition of hydrocodone and hydromorphone opiates. As a result, effective May 1, 2012, the attached DoD drug testing panel will be utilized which lowers the initial cut-off concentration for morphine and codeine. The drug testing panel provides the cut-off concentrations for reporting positive results for opiates, as well as for other substances on the drug testing panel. Drug testing laboratories will begin utilizing commercially available immunoassay kits to test for the opiates listed on the attachment.

By lowering the initial cut-off concentration for morphine and codeine, the Department will be able to capitalize on the known cross reactivity of the immunoassay kit among these substances and increase laboratory efficiency by capturing data for the listed opiates in a single test. The confirmation cut-off level for morphine and codeine will remain unchanged.

Results must be reported and compliant with guidance from DoD Directive 1010.16, *Technical Procedures for the Military Personnel Drug Abuse Testing Program*, and will be subject to a medical review process. My point of contact for this action is CAPT Kevin Klette, USN, at (703) 693-5230 or Kevin.Klette@osd.mil.



Jo Ann Rooney
Acting

Attachment:
As stated

cc:
Assistant Secretary of Defense for Health Affairs

**CUT-OFF CONCENTRATIONS IN THE
MILITARY DRUG ABUSE TESTING PROGRAM**

INITIAL TESTING CUT-OFF CONCENTRATIONS

Drug Class	Cut-off Concentration (ng/mL)
Amphetamines	500
Cannabinoids	50
Cocaine Metabolites	150
Designer Amphetamines	500
Opiates (Morphine/Codeine)	300
Opiate (6-monoacetylmorphine)	10
Opiates (Oxycodone/Oxymorphone)	100
Opiates (Hydrocodone/Hydromorphone)	300

CONFIRMATION CUT-OFF CONCENTRATIONS

Initial Presumptive Positive Test	Confirmation Drug/ Metabolite	Cut-off (ng/mL)	Reported Drug Use
Amphetamines	Amphetamine	100	d-Amphetamine
	Methamphetamine	100	d-Methamphetamine
Designer Amphetamines	Methylenedioxymethamphetamine	500	MDMA
	Methylenedioxyamphetamine	500	MDA
Cannabinoids	Tetrahydrocannabinol-carboxylic acid	15	THC
Cocaine Metabolites	Benzoylcegonine	100	Cocaine
Opiates Codeine/Morphine	Morphine	4,000	Morphine
	Codeine	2,000	Codeine
Heroin 6-monacetylmorphine	6-monoacetylmorphine	10	Heroin
Opiates Oxycodone/ Oxymorphone Hydrocodone/ Hydromorphone	Oxycodone	100	Oxycodone
	Oxymorphone	100	Oxymorphone
	Hydrocodone	100	Hydrocodone
	Hydromorphone	100	Hydromorphone