

Navy Drug Screening Laboratory Jacksonville

“Supporting the Fleet”

Commercial: 904-542-7755 / DSN: 942-7755

email: dljax@med.navy.mil



Mission

Provide scientifically valid and legally defensible test results under forensic conditions for selected drugs or drug metabolites in urine specimens submitted as a part of the Navy's Drug Abuse Prevention Program

Program Facts

ISIC: Commanding Officer, Navy and Marine Corps Public Health Center (NMCPHC)

Navy Drug Screening Laboratories: Jacksonville, Great Lakes, San Diego

Operational Authority: DoDINST 1010.16, OPNAVINST 5350.4D, MCO P1700.24B, Navy and Marine Corps Public Health Center SOP

Laboratory Facts

Laboratory Capacity: 1.5 million samples annually

Staff:

- Four (4) Medical Service Corps Officers
- Sixty eight (68) civilian staff members
- Technical staff certified to conduct drug testing through a rigorous education and training program

Departments: Accessioning, Screening, Confirmation, Quality Assurance, Quality Control, Support Services, Expert Witnesses/Review, Administration, Financial Management

Specimen Testing/Reporting

-Samples are received at the laboratory from submitting commands via the US Postal Service, private carrier (FEDEX, DHL, UPS) or walk-in.

-Once received by the laboratory, samples are processed by our accessioning department in preparation for testing. Strict chain of custody protocol is observed throughout specimen handling and processing.

-Following processing in accessioning, portions of the urine specimens are poured into labeled test tubes and transferred to screening to undergo immunoassay testing (qualitative testing). If no drug is detected, the service member's urine specimen is reported as negative. If a drug is detected, another portion of urine is poured from the original sample bottle into another labeled test tube and sent to confirmation (quantitative testing).

-Urine samples sent to confirmation are tested for drug (metabolite) presence and concentration using Gas Chromatography/Mass Spectrometry. If the results indicate that a drug (metabolite) equals or surpasses the DoD limit, the specimen is reported as positive. If the quantity is below the DoD limit, the sample is reported as negative.

-Once results are verified by laboratory certifying officials to ensure that all procedures have been followed and the results are scientifically reliable and forensically acceptable, a message is released to the member's command.

Navy Program Facts

-Both tests (screen and confirmation) must be positive for the presence of drug (metabolite) before a positive result is reported.

-All test results are confidential. NO results are given by phone/email.

-Three levels of test review ensure the accuracy and validity of all results reported by the laboratory. The levels of review are:

- Technician
- Quality Control/Initial Laboratory Certifying Official
- Final Laboratory Certifying Official

-Test documentation and results are available by official request on command letterhead.

-Technical experts are available to assist commands, the legal community, and service members with questions regarding drugs, drug testing, and test results.

Substances for which we test:

100% of all specimens received are tested for the presence of:

- THC (marijuana metabolite)
- Benzoyllecgonine (cocaine metabolite - BZE)
- Amphetamine & Methamphetamine
- Designer Amphetamines / Ecstasy (MDMA, MDA)
- 6-Acetylmorphine (heroin metabolite)
- Hydrocodone/Hydromorphone
- Opiates (Codeine, Morphine)
- Oxycodone/Oxymorphone

At least 10% of all specimens received are randomly tested for the presence of:

- Benzodiazepines (alpha-hydroxyalprazolam, lorazepam, nordiazepam, oxazepam and temazepam)

Contact Information

Legal (Document Packages):

(904) 542-7755 x 130

Support Services (Messages):

(904) 542-7755 x 131

Command Secretary:

(904) 542-7755 x 100

FAX: (904) 542-7761

DSN: 942

Laboratory Hours

(Monday-Friday)

Operating hours: 0600-1730

Specimens accepted: 0600-1700

Administrative hours: 0730-1600

“Navy Drug Screening Laboratory Jacksonville is an expertly prepared, innovative team of diverse, motivated sailors and civilians who guided by our core values, demonstrate enthusiasm and pride in everything we do, squarely focused on mission accomplishment leading to the success of our customer”

Substances For Which We Test:

Drug Group	Immunoassay Screen Target	DoD Limit in urine (ng/mL)	GC/MS Target	DoD Limit in urine (ng/mL)	Detection Window*
Marijuana**	THC cannabinoid metabolites	50	11-nor- Δ -9-THC-carboxylic acid	15	1-3 days after use
Cocaine	Benzoylcegonine	150	Benzoylcegonine (BZE)	100	1-3 days after use
Amphetamines***	Methamphetamine	500	<i>d</i> -amphetamine <i>d</i> -methamphetamine	100 100	1-3 days after use
Designer amphetamines	MDMA (ecstasy)	500	MDMA MDA	500 500	1-3 days after use
Opiates***	Morphine	300	Hydrocodone	100	1-3 Days after use
			Hydromorphone	100	
			Morphine	4,000	1-3 days after use
			Codeine	2,000	
Opiates***	Oxycodone	100	Oxycodone Oxymorphone	100 100	1-3 days after use
	6-acetylmorphine	10	6-acetylmorphine (6-AM - heroin metabolite)	10	1-2 days after use
	Benzodiazepines***	Nitrazepam	200	alpha-hydroxyalprazolam	100
lorazepam				100	
nordiazepam				100	
oxazepam				100	
temazepam				100	

* Detection times vary depending on dose, analytical method, drug metabolism, pre-existing medical conditions, fluid intake, and method and frequency of drug intake.

** Passive inhalation of marijuana smoke is very unlikely to produce a positive test result.

*** Commands must check service member's medical and dental records to see if service member has a current prescription for amphetamine, benzodiazepine or opiate-containing drugs prior to taking administrative action against the service member. Please contact experts at NDSL Jacksonville for further guidance.