

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 Drug Testing Program SOP

Laboratory Facts

Laboratory Capacity:
Annually test 800,000-1 million urine specimens

Geographic Service Areas: CONUS East of the Mississippi River, EUCOM, SOUTHCOM, AFRICOM, CENTCOM

Staff:

- 5 Medical Service Corps Officers
- 68 civilian staff members
- Staff must demonstrate continued proficiency through annual recertification.

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

Specimen Testing/Reporting

- Specimens are received at the laboratory from submitting commands via the U.S. Postal Service, private carrier (FEDEX, DHL, UPS), or walk-in.
- Once received by the laboratory, specimens are processed by the 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 for 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 specimen bottle into another labeled test tube and sent to Confirmation (quantitative testing).
- Urine specimens sent to Confirmation are tested for drug or metabolite presence and concentration using Gas or Liquid Chromatography/Mass Spectrometry. If the results indicate that a drug or its metabolite equals or surpasses the DoD limit, the specimen is reported as positive. If the concentration is below the DoD limit, the specimen is reported as negative.
- Once results are verified by laboratory certifying officials to ensure procedures were followed and the results are scientifically reliable and forensically acceptable, a message is released to the Service Member's command.

Navy Program Facts

-Two tests (screen and confirmation) must be positive for drug or drug metabolite at concentrations at or above the DoD limit before a positive result is reported to the Service Member's command.

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

- Certified Technician
- Initial Laboratory Certifying Official
- Final Laboratory Certifying Official

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

-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.

Contact Information

Legal (Document Packages):
(904) 542-7755 x131

Support Services (Messages):
(904) 542-7755 x130

Secretary:
(904) 542-7755 x100

FAX: (904) 542-7761

DSN: 942

Substances We Test For

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

At least 20% of all specimens received are randomly tested for the presence of:

- Synthetic cannabinoids

Laboratory Hours

(Monday-Friday)

Operating hours: 0600-1730

Specimens accepted: 0600-1700

Administrative hours: 0730-1600

“Navy Drug Screening Laboratory Jacksonville has proudly served the Department of the Navy and Department of Defense in protecting and maintaining the combat readiness of our Nation’s military since 1984. The Laboratory is certified for military drug testing by the Department of Defense Armed Forces Medical Examiner System and its operations undergo three inspections per year to ensure the Laboratory continues to produce scientifically valid and legally defensible drug testing results for the Department of Defense.”

Substances We Test For:

Drug Group	Test Code	Immunoassay Screen Target	DoD Limit in Urine (ng/mL)	GC/MS Target	Drug Abbreviation	DoD Limit in Urine (ng/mL)	Detection Window*
Marijuana**	T	THC cannabinoid metabolites	50	11-nor- Δ -9-THC-carboxylic acid	THC	15	1-3 days after use
Cocaine	C	Benzoylcegonine	150	Benzoylcegonine (BZE)	COC	100	1-3 days after use
Amphetamines***	A	Methamphetamine	500	<i>d</i> -Amphetamine <i>d</i> -Methamphetamine	DAMP DMETH	100 100	1-3 days after use
Designer amphetamines	E	MDMA (ecstasy)	500	Methylenedioxyamphetamine Methylenedioxyamphetamine	MDMA MDA	500 500	1-3 days after use
Opiates***	O	Morphine	300	Hydrocodone Hydromorphone Morphine Codeine	HYCOD HYMOR MOR COD	100 100 4,000 2,000	1-3 days after use
	Y	Oxycodone	100	Oxycodone Oxymorphone	OXCOD OXMOR	100 100	1-3 days after use
	H	6-Acetylmorphine	10	6-Acetylmorphine (heroin metabolite)	6AM	10	1-2 days after use
Benzodiazepines***	Z	Oxazepam	200	Alpha-hydroxyalprazolam Lorezapam Nordiazepam Oxazepam Temazepam	AHAL LORA NORD OXAZ TEMA	100 100 100 100 100	1-3 days after use
Synthetic Cannabinoids	V	Synthetic cannabinoid metabolites	10	Synthetic cannabinoid metabolites	SYCAN	1	1-3 days after use

* 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 technical experts at NDSL Jacksonville for further guidance.