

Navy Drug Screening Laboratory Jacksonville

“Supporting the Fleet”

Commercial: 904-542-7755 / DSN: 942-7755 / Email: usn.ndsljax@health.mil

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Mission

Support operational readiness by providing scientifically valid and legally defensible drug testing results and expert witness consultation and testimony. Develop, test, and evaluate analytical and administrative procedures for DoD Drug Demand Reduction Program.

Program Facts

ISIC: Commander, Navy and Marine Corps Force Health Protection Command

Navy Drug Screening Laboratories:
Jacksonville, Great Lakes

Operational Authority: DoDINST 1010.01, DoDINST 1010.16, OPNAVINST 5350.4E, MCO 5300.17A, Department of the Navy Drug Testing Program SOP

Laboratory Facts

Laboratory Capacity:
Test 1.0 to 1.3 million urine specimens annually

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

Staff:

- 4 Navy Officers from the Medical Service Corps, Biochemistry Community
- 82 GS Billets
- Staff must demonstrate continued proficiency through annual recertification.

Departments: Initial Testing (Accessioning & Screening Divisions), Confirmation, Quality Assurance, Quality Control, Support Services, Review/Expert Witnesses, 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 Division in preparation for testing. A strict chain of custody protocol is observed throughout specimen handling and processing.

-Following processing by the Accessioning Division, portions of the urine specimens are poured into labeled test tubes and transferred to the Screening Division for initial screen testing (qualitative testing). If no drug is detected, the specimen is reported as negative. If a drug is detected, another portion of urine is poured from the original specimen bottle into a labeled test tube and sent to the Confirmation Department for quantitative testing.

-Urine specimens sent to the Confirmation Department 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:
 - o Certified Technician
 - o Initial Laboratory Certifying Official
 - o 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.

Laboratory Hours

(Monday-Friday)
Operating hours: 0600-1730
Specimens accepted: 0600-1700
Administrative hours: 0730-1600

Contact Information

Email (preferred):
usn.ndsljjax@health.mil

Result Status:
(904) 542-7755 Option 2

Legal Documents:
(904) 542-7755 Option 2

Expert Witness Inquiries:
(904) 542-7755 Option 6

FAX: (904) 542-7761

DSN: 942

Substances We Test For

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

- Cannabinoids (marijuana metabolites)
- Benzoylcegonine (cocaine metabolite)
- Amphetamine & Methamphetamine
- Designer Amphetamines/ Ecstasy (MDMA, MDA)
- 6-Acetylmorphine (heroin metabolite)
- Hydrocodone/Hydromorphone
- Codeine/Morphine
- Oxycodone/Oxymorphone
- Benzodiazepines (alpha-hydroxyalprazolam, lorazepam, nordiazepam, oxazepam, and temazepam)
- Fentanyl

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

- LSD*
- Synthetic cannabinoids*

*Submitting units can request LSD and/or synthetic cannabinoid testing. A written request from the submitting unit must be included with the submission. Priority is given to requests referencing authorization from the respective Service Drug Demand Reduction office. Some specimens may be randomly tested.

Submitting units may request testing for substances not on the DoD panel. The Laboratory will accomplish standard panel testing first and forward the specimen to the Armed Forces Medical Examiner System laboratory for special testing. Requests for special testing must be made in writing and accompany the specimen submission.

Substances We Test For:

Drug Group	Test Code	Screen Target (Immunoassay)	DoD Limit (ng/mL)	Confirmation Target (GC-MS or LC-MS/MS)	Drug Abbreviation	DoD Limit (ng/mL)	Detection Window*
Cannabinoids	T	THC cannabinoid metabolites	50	11-nor- Δ^8 -THC-9-carboxylic acid 11-nor- Δ^9 -THC-9-carboxylic acid	THC8 THC9	15	5 days after use
Cocaine	C	Benzoylcegonine	150	Benzoylcegonine	COC	100	3 days after use
Amphetamines**	A	Methamphetamine	500	<i>d</i> -Amphetamine <i>d</i> -Methamphetamine	DAMP DMETH	100 100	3 days after use
Designer amphetamines	E	MDMA (ecstasy)	500	Methylenedioxymethamphetamine Methylenedioxyamphetamine	MDMA MDA	500 500	3 days after use
Opiates**	O	Morphine	300	Hydrocodone Hydromorphone Morphine Codeine	HYCOD HYMOR MOR COD	100 100 4,000 4,000 #	3 days after use
	Y	Oxycodone	100	Oxycodone Oxymorphone	OXCOD OXMOR	100 100	3 days after use
	H	6-Acetylmorphine	10	6-Acetylmorphine (heroin metabolite)	6AM	10	2 days after use
Benzodiazepines**	Z	Oxazepam	200	Alpha-hydroxyalprazolam Lorazepam Nordiazepam Oxazepam Temazepam	AHAL LORA NORD OXAZ TEMA	100 100 100 100 100	3 days after use
Synthetic Cannabinoids	V	Synthetic cannabinoid metabolites	10	Synthetic cannabinoid metabolites	SYCAN	1	3 days after use
Fentanyl**	F	Fentanyl	1	Fentanyl Norfentanyl	FENT NFENT	1	3 days after use
LSD	L	LSD	0.5	2-oxo-3-OH-LSD	LSD	0.2	2 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.

** 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.

Codeine positives 4,000 – 10,000 ng/mL undergo additional testing for thebaine to assess poppy seed ingestion.