Quest Diagnostics®



Oral fluid drug testing

Delivering a convenient alternative for healthcare providers

When you need an alternative

At Quest Diagnostics, we know that having more choices when monitoring for use (or non-use) of drugs is a benefit to you and your patients. For those situations when urine collection is not practical or observed collection is needed, oral fluid collection is a convenient and effective alternative.

Why use oral fluid testing?

Oral fluid collections are simple to conduct whether in-office or at a Quest Diagnostics Patient Service Center. Monitored collections can be completed in minutes.

Convenient collections with Quantisal™

- The collection time with Quantisal™ typically takes about 5 minutes, reducing your patient's time in the office and improving convenience
- The Quantisal collection device has a volume adequacy indicator window designed to take the guesswork out of sample collection
- Oral fluid sample collections with the Quantisal collection device are easily observed, helping to reduce specimen tampering or adulteration

Drug detection windows

Because salivary glands are highly perfused, a drug is transferred rapidly from blood to oral fluid. Thus, drugs tend to become detectable in oral fluid sooner than in urine—and become undetectable more rapidly as well. For some drugs, such as cocaine and heroin, the "detection window" for oral fluid can be as little as a few hours. However, most drugs remain detectable for 24 to 50 hours after ingestion.[1] The exact timing of the detection window varies with the drug, duration of use, drug dose, individual metabolism, and method of administration, among other variables.

Drug concentrations

Drug concentrations in oral fluid tend to be substantially lower than in urine, necessitating lower cutoffs for defining positive results. Weakly basic drugs, such as benzodiazepines, tend to have especially low concentrations in oral fluid.[2] Detection of drugs in oral fluid thus requires highly sensitive approaches,[3] such as the liquid chromatography-tandem mass spectroscopy (LC/MS/MS) method used by Quest Diagnostics.

Advantages of oral fluid testing with Quantisal

Volume indicator window

The Quantisal volume indicator window ensures enough specimen for screening, confirmation, and repeat testing. When the Quantisal volume indicator window turns blue, 1 mL (+/-10%) of oral fluid has been collected.

Easy, observed collections

Oral fluid specimen collections with the Quantisal collection device typically take about 5 minutes. Because an oral fluid collection can be observed, it helps to reduce the opportunity for a patient to alter or tamper with their drug test specimen. Collections can be performed in-office or at a Quest Patient Service Center (PSC), saving time and improving efficiency.

Recent drug detection

Our laboratory tests a variety of drugs in oral fluid. Data show that oral fluid is effective at detecting drugs of abuse, especially recent use.

Fast turnaround times for testing

Testing is performed the day the oral fluid specimen arrives at our laboratory. Positive results are confirmed, reviewed, and typically reported within 2-3 days of receipt.

Personal service and support

Knowledgeable customer service representatives are here to answer questions and ensure your program runs smoothly.

Complete testing program

Quest Diagnostics offers urine, oral fluid, and instant testing, allowing you to create a customized, multi-specimen testing program, all through a single, convenient, and accurate provider.

Ordering information

In addition to the individual tests listed below, Quest offers 2 panels for oral fluid testing.

36862 Drug Tox Monitoring Base Panel with Confirmation, Oral Components

Amphetamines, Benzodiazepines, Cocaine, Marijuana, Methadone, and Opioids

93975 Drug Tox Monitoring Panel 1 with Confirmation, Oral

Amphetamines, Barbiturates, Benzodiazepines, Cocaine, Marijuana, MDMA, Meprobamate, Methadone, Nicotine, Opioids, Phencyclidine, and Zolpidem



Oral Fluid: Test list with test codes

Test code	Drug class	Reportable drugs and metabolites	Cutoff (ng/mL)
93976	Alcohol Metabolite	Ethyl Sulfate (EtS)	25.0
93977	Amphetamines	Amphetamine	10
		Methamphetamine	10
93978	Barbiturates	Amobarbital	10
		Butalbital	10
		Pentobarbital	10
		Phenobarbital	25
		Secobarbital	10
93979	Benzodiazepines	Alprazolam	0.5
		Chlordiazepoxide	0.5
		Clonazepam	0.5
		Diazepam	0.5
		Flunitrazepam	0.5
		Flurazepam	0.5
		Lorazepam	0.5
		Midazolam	0.5
		Nordiazepam	0.5
		Oxazepam	0.5
		Temazepam	0.5
		Triazolam	0.5
		7-Aminoclonazepam	0.5
93980	Cocaine	Benzoylecgonine	5.0
		Cocaine	5.0
13051	Gabapentin	Gabapentin	40
93981	Marijuana	THC	2.5
93982	MDMA	MDMA	10
93983	Meprobamate	Carisoprodol	2.5
		Meprobamate	2.5
93984	Methadone	EDDP	5
		Methadone	5
93974	Methylphenidate	Methylphenidate	1.0
93985	Naltrexone	Betahydroxynaltrexone	0.25
		Naltrexone	0.25
93986	Nicotine	Cotinine	5
93987	Opioids	Buprenorphine	0.1
		Codeine	2.5
		Dihydrocodeine	2.5
		Fentanyl	0.1
		Heroin	1
		Hydrocodone	2.5
		Hydromorphone	2.5
		Morphine	2.5
		Naloxone	0.25
		Norbuprenorphine	0.5
		Noroxycodone	2.5
		Norhydrocodone	2.5
		Oxycodone	2.5
		Oxymorphone	2.5
		Tapentadol	5
		Tramadol	5
93988	Phencyclidine	Phencyclidine	10
13647	Phentermine	Phentermine	20
13053	Pregabalin	Pregabalin	20
93990	Zolpidem	Zolpidem	5

Quest Diagnostics Clinical Drug Monitoring

Quest Diagnostics is a trusted laboratory committed to providing responsible, cost-conscious clinical drug monitoring services.

Our approach, tools, and technologies help minimize overtesting.

We efficiently deliver insights that can help you and your patients make more informed decisions.

- **A trusted leader in diagnostic testing for more than 50 years**
- **Comprehensive test menu and state-of-the-art testing with enhanced sensitivity**
- **MDs, PhDs, and toxicologists to help with results interpretation**

The power of Quest at your fingertips

Vital information you need

- Quest Diagnostics delivers healthcare insights when and where you need them to make informed decisions that can lead to better outcomes
- Our comprehensive test menu was built with the varied needs of you and your patients in mind

Responsiveness you expect

- Nationwide courier service includes prompt sample pickups
- Fast lab turnaround times help ensure timely screening and confirmation results

Resources you can access

- Manage all your laboratory needs with a single login. With Quanum® Lab Services Manager, you can simplify your practice operations and save your staff time
- Patients can visit one of over 2,000+ conveniently located Patient Service Centers across the country for specimen collection

Drug toxicology consultation—**our experts are available by phone:**

- **Drug monitoring menu, options, and services**—discuss test selection, sample requirements, and whether to choose medMATCH®
- **Drug monitoring results inquiries and interpretation**—discuss basic result interpretation, consider adding additional substances to the test, or request repeats
- **Drug monitoring consultation scheduling**—schedule a call with appropriate experts on more complex questions

1.877.40.RXTOX (1.877.407.9869) | Monday-Friday, 8:00 AM–10:00 PM ET

Learn more by talking with your sales representative or visit **QuestDrugMonitoring.com.**

References

1. Verstraete AG. Detection times of drugs of abuse in blood, urine, and oral fluid. *Ther Drug Monit*. 2004; 26(2):200-205. doi: 10.1097/00007691-200404000-00020
2. Drummer OH. Drug testing in oral fluid. *Clin Biochem Rev*. 2006;27(3):147-159. Accessed September 19, 2024. https://pubmed.ncbi.nlm.nih.gov/17268583/
3. Allen KR. Screening for drugs of abuse: which matrix, oral fluid or urine? *Ann Clin Biochem*. 2011;48(Pt 6):531-541. doi: 10.1258/acb.2011.011116

Models used for illustrative purposes.

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