

## Laboratory-based Oral Fluid Drug Testing

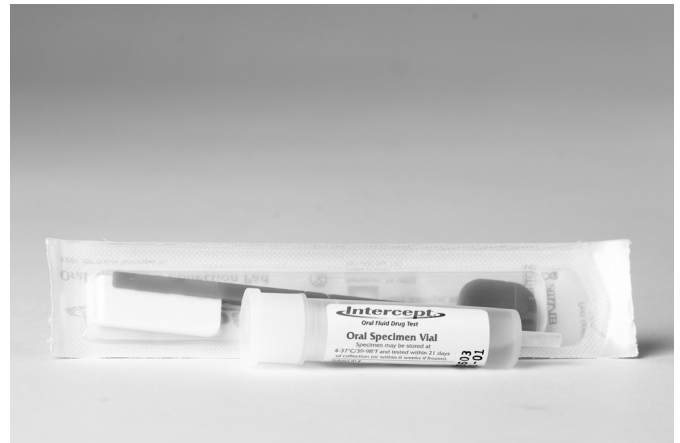
In addition to urine-based testing for drugs of abuse, Alere Toxicology Services can also provide oral fluid testing services using the Intercept Oral Fluid Collection Device and analysis of the specimen in our laboratory's industry leading methodologies.

Oral fluids, including saliva, are the products of multiple glands in the mouth that transfer proteins and antibodies into the oral cavity. Because drugs and drug metabolites are transferred into the mouth as one of these products, oral fluid may be used as an alternative method of drug testing.

Oral fluid testing allows for ease of collection. The noninvasive method does not require special collection facilities necessitated by the privacy requirements of a urine collection, and the donor is not required to take any special action to “produce” a specimen, eliminating a shy bladder situation. Because each collection can be directly observed, donor tampering with the specimen is virtually eliminated.

Collecting an oral fluid specimen is simple with the Intercept collection device. Each time a collection is needed, the donor places the collection pad of the device between his/her lower cheek and gum for two to five minutes. The collection pad is then put into a vial, sealed, and sent with a completed chain of custody form to Alere for analysis.

The testing is two-part screening and confirmation process as it is with urine testing, and clients using oral fluid testing can still expect the same level of quality and service guiding our urine-based testing operations. For the initial test, Alere uses an FDA-approved enzyme-linked immunosorbent assay (ELISA), and confirms suspect positive test results by Gas Chromatography/Mass Spectrometry (GC/MS) or Liquid Chromatography/Mass Spectrometry (LC/MS/MS). These



confirmation methods provide the most sensitive “fingerprint” identification available for the target drug. Screening results can be reported within 24 hours from receipt at Alere, and confirmation results are available within 72 hours.

Oral fluid drug testing does not eliminate or replace urine drug testing, but it can provide another tool for your drug testing program.

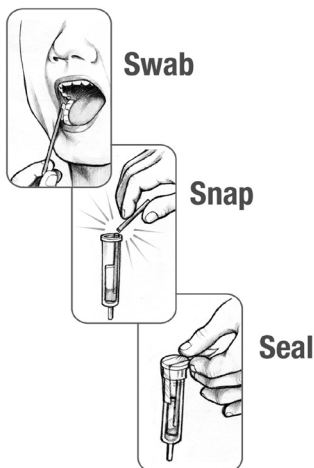
### Our Approach

Since 1978, Alere has provided comprehensive substance abuse testing services that emphasize quality analysis, prompt results, and extensive client support.

To ensure that your program is as effective as it can be, Alere's procedures meet and exceed the certification requirements of all federal and state regulatory bodies, including those of the industry's benchmark, the Substance Abuse and Mental Health Services Administration (SAMHSA). Although oral fluid is not yet SAMHSA approved, we apply our quality commitment to our certifications status to all non-regulated testing.

Our comprehensive approach includes:

- Developing a policy that addresses the concerns of donors and the organization
- Providing training on collection protocols that ensure both ease of use and specimen integrity
- Collecting specimens quickly, under strict controls, and virtually anytime in any location



- Preserving donor privacy with a noninvasive collection process
- Eliminating specimen tampering through direct observation and reducing the opportunity to use adulteration products
- Analyzing via a two-part process – screening via immunoassay and confirmation via GC/MS or LC/MS
- Reporting negative results within 24 hours and those requiring confirmation within 72 hours
- Delivering results through secure web-based reporting
- Supplying meaningful statistical data to help administrators evaluate testing programs
- Providing technical support and result interpretation from experienced professionals

### Drugs Tested

The following drugs are available for any combination to create an oral fluid drug screen:

- Amphetamine
- Methamphetamine, including MDA and MDMA (Ecstasy)
- Barbiturates
- Benzodiazepines
- Marijuana metabolites (cannabinoids)
- Cocaine metabolite (benzoecgonine)
- Methadone
- Opiates, including codeine, morphine, hydrocodone, hydromorphone, oxycodone, and oxymorphone
- Phencyclidine (PCP)
- Propoxyphene

If you have chosen to implement oral fluid testing for your organization, partner with Alere to ensure professionalism, confidentiality, and quality in your substance abuse testing program.