



**The  
Oral Fluid  
Steroid &  
Drugs of  
Abuse  
Test  
Kit**

## **Oral Fluid Testing: New Technology for a New Century**

Human Oral Fluid tests are noninvasive, reliable tests designed as the Gold Standard in diagnostic testing — for government agencies, businesses, and families. Oral Fluid has been described as an "ultra-filtrate of plasma". Oral Fluid testing has recently been well established as a diagnostic tool in detecting many of the molecules that are found in plasma, and at levels equivalent to those found in blood. Therefore, by oral fluid testing, one can obtain similar information on the status of a person as one can obtain from whole blood, without the need to collect a specimen invasively.

Oral Fluid had long been regarded as one of the prodigal children of biological specimens. However, for the past two decades, there has been a steadily increasing interest in the use of oral fluid in pharmacokinetic studies of chemicals and drugs in general and in therapeutic monitoring in a variety of clinical situations. In recent years, this interest has extended to the measurement of Steroid and Drugs of abuse in Oral Fluid.

The advantages of oral fluid as the specimen of choice have been identified by psychiatrists studying methadone treatment, investigators involved in therapy for HIV-infected patients and in anticonvulsant treatment for epileptics, and by laboratory directors involved in drug abuse monitoring. Among the advantages cited are the following:

- Patients are spared the discomfort of repeated venous punctures
- No risk of anemia, infection, or thrombosis
- Minimal staff training for collection lowers total costs
- Repeated monitoring of toxic chemical levels leads to more accurate prescriptions and fewer side effects

Oral Fluids testing detect molecules present in the Oral Fluid using modern Gas Chromatograph Mass Spectrometer (triple quadrupole) (GC/MS/MS/MS) technology. Oral Fluid tests are extremely reliable and all results, both positive and negative, are confirmed. AMSTI's test is an oral fluid test and is the top of the line product, unbeatable for any adulterants.

### ***Advantages of Oral Fluid Testing***

Innovative organizations are implementing successful testing programs centered around oral-based on site sample collection. Entities implementing oral Lab based testing reap multiple and varied benefits:

### ***Ease of Administration***

Oral Fluid specimen collection is quick and easy. AMSTI will train your personnel to:

- Complete the Donor Consent Form
- Collect the Oral Fluid specimens
- Maintain strict specimen chain-of-custody controls
- Arrange for specimen shipment
- Implement AMSTI's Zero-Liability Methodology
- Utilize proper Donor-Collector etiquette

Should you prefer to use our collection team; arrangements can be made to suit your needs. Our goal at AMSTI is to meet or exceed our client's expectations.

### ***Economic Advantages***

Advancements in testing technologies have made Oral Fluid testing much more cost effective than other testing methods in use today. Savings may be achieved in several ways:

- Third party collection fees are eliminated by using your own personnel trained to collect samples.
- Oral Fluid is not considered a biohazard, thus disposal costs are substantially reduced.

### ***Time Savings***

Sizeable direct savings result from reduced donor wait time. There are no embarrassing or long delays in collecting a urine specimen for either male or female donors. Oral Fluid specimen collection is quick and easy. An experienced, trained collector may collect over 25 specimens per hour—a little less than 2 ½ minutes per donor!

*Time is saved not only in the specimen collection process as presented above, but also in the results turnaround time. Test results are completed and returned within 48 to 72 hours. All results are confirmed via our Gas Chromatograph Mass Spectrometer (triple quadrupole) (GC/MS/MS/MS) technology.*

## **Reliability**

Our Oral Fluid test confirms the negative result or positive result for Drugs of abuse. Oral Fluid tests are 99.9% accurate. They cannot be adulterated or substituted and the technician observes and administers every collection.

Due to its focus on the chemicals and plasma in the donor's body, Oral Fluid testing is not as susceptible to falsification. Hair products such as shampoos and bleach can alter hair follicles producing erroneous results, and urine tests are regularly tainted. As of today, no known methods exist to alter AMSTI's Oral Fluid test results.



**Using our unique sterile collection kit,  
Contamination of the specimen is eliminated.**

## **Testing With Dignity™ - Oral Fluid Testing**

Using Oral Fluid Gas Chromatograph Mass Spectrometer (triple quadrupole) testing, one obtains similar information on the status of a person as one can obtain from whole blood. Given the advantages of oral fluids testing for Drugs of Abuse:

- ease of administration
- economic advantages
- time savings
- reliability
- psychological advantages

It is easy to understand why there has been a steadily increasing interest in the use of Oral Fluid in studies of toxic chemicals, drugs in general, and in therapeutic monitoring in a variety of clinical situations. Oral Fluid Gas Chromatograph Mass Spectrometer (triple quadrupole) testing is indeed a new technology for a new century.