



# Three Reasons to Use Oral Fluid Assays for your Drugs of Abuse Screening

Oral fluids can complement or provide an alternative to your drug of abuse screening program. Three reasons to use an oral fluid matrix for your drug of abuse testing are:

## 1. Oral fluid collection is observed start to finish, minimizing the chance for sample adulteration

- Patients collect his or her sample in an observed open environment
- Decreases likelihood of false negatives due to adulterated samples
- Virtually eliminates the possibility of a substitute sample



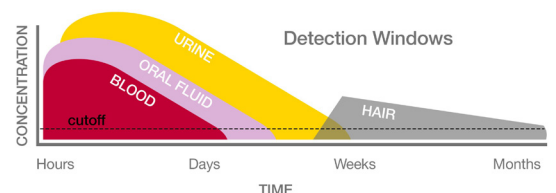
## 2. Oral fluid collection is rapid, easy, and non-invasive

- Collect samples anytime, anywhere, at the workplace or collection center
- Provides an alternative matrix in case of shy bladder
- Only 10 minutes from start to finish



## 3. Oral fluid assays have the shortest detection window, detecting recent drug use

- Ideal for suspected drug use
- Matrix of choice for random workplace testing programs
- Differentiate current from past marijuana use



# Outstanding performance

Excellent agreement to LC-MS/MS near cut-off concentrations. Data collected using 2 replicates of each sample for each run, 2 runs per day for 20 non-consecutive days for a total of 80 samples per level.

Analyte Tested	Oral-Eze Cut-off Diluted/Neat (ng/mL)	Oral-Eze Analyte Concentration (ng/mL)	Neat Oral Fluid by LC-MS/MS (ng/mL)	Diluted Oral Fluid by LC-MS/MS (ng/mL)	# Neg / # Pos Agreement	Percent Agreement
Amphetamines	50 Diluted / 150 Neat	75	88.2	26.8	0 Neg / 50 Pos	100%
Cocaine	5 Diluted / 15 Neat	7.5	7.5	2.3	50 Neg / 0 Pos	100%
Opiates	10 Diluted / 30 Neat	15	18.0	5.1	50 Neg / 0 Pos	100%
PCP	1 Diluted / 3 Neat	1.5	1.6	0.5	50 Neg / 0 Pos	100%
Barbiturates	20 Diluted / 60 Neat	30	29.4	9.7	80 Neg / 0 Pos	100%
Benzodiazepines	1 Diluted / 3 Neat	1.5	1.6	0.5	80 Neg / 0 Pos	100%
Methadone	5 Diluted / 15 Neat	7.5	7.4	2.5	80 Neg / 0 Pos	100%
Oxycodone	10 Diluted / 30 Neat	15	14.7	5.1	80 Neg / 0 Pos	100%
Buprenorphine	1 Diluted / 3 Neat	1.5	1.5	0.5	80 Neg / 0 Pos	100%
Methamphetamines	40 Diluted / 120 Neat	60	60.5	17.3	50 Neg / 0 Pos	100%
THC	1 Diluted / 3 Neat	1.5	1.3	0.4	50 Neg / 0 Pos	100%

Please see the package insert for a full listing of concentrations tested.

## Extensive menu: oral fluid testing for 10+ drugs

CEDIA OFT Description	Reagent Kits		Calibrators			Controls		
	1 x 65 mL	3 x 17 mL	Negative Calibrator	Cut-off Calibrator Part Number	Cut-off (ng/mL)*	Control Part Number	Low Control (ng/mL)	High Control (ng/mL)
Amphetamine	10014947	10018579	10014954	10014955	50	10014957	25	75
Cocaine	10014764	10018950			5		2.5	7.5
Opiate	10014873	10018600			10		5	15
Phencyclidine (PCP)	10014888	10018605			1		0.5	1.5
Barbiturates	10022348	Not Available			20		10	30
Benzodiazepines	10022349	Not Available		10022355	1	10022356	0.5	1.5
Methadone	10022350	Not Available			5		2.5	7.5
Oxycodone	10022351	Not Available			10		5	15
Buprenorphine	10022352	Not Available			10022376		1	10022377
Methamphetamine	10014949	10018595		10014950	10014951	40	10014953	20
Cannabinoids (THC)	10014910	10018585	10014922	10014923	1	10014925	0.5	1.5

\*Diluted value. For undiluted value multiply times 3.

Test kits have 18-24 months shelf life, with 60 days open vial stability

Cut-off calibrators and controls have 16-24 month shelf life with 50-60 days open vial stability

## Oral-Eze Collection System

Device	50 / Kit	500 / Kit
Oral-Eze Collection Device	96100-050	96100-500
Oral-Eze Sample Extractor	96105-050	96105-500

Buffer	1 Liter
Oral-Eze Preservative Buffer (1L)	10015531

### Applications for Your Analyzer

For available applications please contact  
Thermo Scientific Technical Services at:

Phone: 1-800-232-3342, option 2, then option 3  
E-mail: [techservice.mgc@thermofisher.com](mailto:techservice.mgc@thermofisher.com)

Find out more at [thermofisher.com/OralFluidTesting](http://thermofisher.com/OralFluidTesting)

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