



We are Toxicology.™

Comprehensive Drug Testing Solutions



U.S. PRODUCT CATALOG – Reagents and Instrumentation



Continuous Innovation. Confidence in Testing.

Prescription drug misuse and illicit drug abuse are growing public health challenges worldwide. Building a test profile that covers highly misused drugs has never been so vital. The Immunalysis™ reagent portfolio allows easy screening for relevant substances. Our complete line of assays, calibrators, and controls enables implementation of an efficient drug testing system.

Immunalysis offers the following reagent formats for multiple matrices:

HEIA™

SEFRIA™

ELISA

We are Toxicology.™

Immunalysis develops and manufactures immunoassay reagents for drug testing in a variety of biological matrices. We provide toxicologists with powerful, comprehensive drug testing solutions.

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Urine Reagents

SEFRIA™ and HEIA™ Drug Screening Kits



Urine SEFRIA™ drug screening assay

SEFRIA™ reagents comprise the next generation immunoassay utilizing β -galactosidase enzyme allowing for lower cutoffs, wider assay span, and enhanced precision in a ready-to-use liquid format.

Our **SEFRIA™ fentanyl** is the first-ever FDA 510(k) cleared assay designed for qualitative testing at a 1 ng/mL cutoff.

- Liquid stable and ready to use; no pouring or reconstitution
- Designed for use on open channel clinical chemistry analyzers



Urine HEIA™ drug screening assays

Our menu includes illicit compounds, opiates, opioids, synthetic cannabinoids, and other drugs.

- Liquid stable and ready to use; no pouring or reconstitution
- Available in convenient 60 mL wedges
- Can be used on open channel chemistry analyzers

Urine SEFRIA™ drug screening kits

Item Description	Cutoff (ng/mL)	Catalog Number and Kit Volume			
		25 mL	60 mL Wedge	100 mL	500 mL
Fentanyl	1	618UR-0025	618UR-0060W	618UR-0100	618UR-0500

Urine HEIA™ drug screening kits

Item Description	Cutoff (ng/mL)	Catalog Number and Kit Volume			
		25 mL	60 mL Wedge	100 mL	500 mL
6-acetylmorphine (6-AM Heroin metabolite)	10	347UR-0025	347UR-0060W	347UR-0100	347UR-0500
(+)-Amphetamine	500 or 1000	309UR-0025	309UR-0060W	309UR-0100	309UR-0500
Barbiturates	200	310UR-0025	310UR-0060W	310UR-0100	310UR-0500
Benzodiazepines	200	314UR-0025	314UR-0060W	314UR-0100	314UR-0500
Benzoylcegonine (Cocaine metabolite)	150 or 300	306UR-0025	306UR-0060W	306UR-0100	306UR-0500
Buprenorphine	5	336UR-0025	336UR-0060W	336UR-0100	336UR-0500
Cannabinoids (-)-11-nor-carboxy- Δ 9-THC	50	305UR-0025	305UR-0060W	305UR-0100	305UR-0500
Carisoprodol*	100	331-0025	331-0060W	331-0100	331-0500
EDDP (Methadone metabolite)	100, 300, or 1000	349UR-0025	349UR-0060W	349UR-0100	349UR-0500
Ethyl Alcohol	100 mg/dL	504-0025	504-0060W	504-0100	504-0500
Ethyl Glucuronide (EtG)*	500 or 1000	341-0025	341-0060W	341-0100	341-0500
Ketamine*	100	340UR-0025	340UR-0060W	340UR-0100	340UR-0500
Meperidine*	200	303-0025	303-0060W	303-0100	303-0500
(+)-Methamphetamine	500 or 1000	311UR-0025	311UR-0060W	311UR-0100	311UR-0500
Opiates	300 or 2000	307UR-0025	307UR-0060W	307UR-0100	307UR-0500
Oxycodone	100 or 300	302UR-0025	302UR-0060W	302UR-0100	302UR-0500
Phencyclidine (PCP)	25	308UR-0025	308UR-0060W	308UR-0100	308UR-0500
Synthetic Cannabinoids*					
K2 (Synthetic Cannabinoids-1)	10	344-0025	344-0060W	344-0100	344-0500
K2 (Synthetic Cannabinoids-2)	10	346-0025	346-0060W	346-0100	346-0500
Synthetic Cannabinoids-3	10	350-0025	350-0060W	350-0100	350-0500
Tapentadol*	200	343-0025	343-0060W	343-0100	343-0500
Tramadol	200	304UR-0025	304UR-0060W	304UR-0100	304UR-0500
Zolpidem*	20	333-0025	333-0060W	333-0100	333-0500

Urine multi-drug calibrators and controls (available in 15 mL or 25 mL size)

Multi-drug calibrators (1 x 15 mL or 25 mL bottle)* – *each level can be ordered individually*

Catalog Number	#10000-15 or #10000-25	#10001-15 or #10001-25	#10002-15 or #10002-25	#10003-15 or #10003-25
Analyte	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)	Level 4 (ng/mL)
Benzoylcegonine	150	300	500	1000
(+)-Methamphetamine	500	1000	1500	2000
Morphine	100	300	500	1000
Oxazepam	100	200	500	1000
Phencyclidine (PCP)	12.5	25	50	100
Secobarbital	100	200	500	1000

Multi-drug control sets (2 x 15 mL or 25 mL bottles)

Catalog Number	Control Set 1 #3000-15 or #3000-25		Control Set 2 #3001-15 or #3001-25	
Analyte	Low Control 1 (ng/mL)	High Control 1 (ng/mL)	Low Control 2 (ng/mL)	High Control 2 (ng/mL)
Benzoylcegonine	112.5	187.5	225	375
(+)-Methamphetamine	375	625	750	1250
Morphine	225	375	1500	2500
Oxazepam	150	250	n/a	n/a
Phencyclidine (PCP)	19	31	n/a	n/a
Secobarbital	150	250	n/a	n/a

Urine specific single analyte calibrators and controls

Cannabinoids (cTHC) calibrator (1 x 5 mL or 15 mL bottle)*

Catalog Number	#10011-5 or #10011-15	#10012-5 or #10012-15	#10013-5 or #10013-15	#10014-5 or #10014-15
Analyte	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)	Level 4 (ng/mL)
(-)-11-nor-carboxy- Δ 9-THC	20	50	100	200

Cannabinoids (cTHC) control set (2 x 5 mL or 15 mL bottles)

Catalog Number	Control Set 1 #3005-5 or #3005-15	
Analyte	Low Control 1 (ng/mL)	High Control 1 (ng/mL)
(-)-11-nor-carboxy- Δ 9-THC	37.5	62.5

Opiates 2000 calibrator (1 x 15 mL bottle)*

Catalog Number	#10007-15	#10008-15	#10009-15	#10010-15
Analyte	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)	Level 4 (ng/mL)
Morphine	1000	2000	4000	6000

Opiates 2000 control set (2 x 15 mL or 25 mL bottles)

Catalog Number	Control Set 2 #3001-15 or #3001-25	
Analyte	Low Control 2 (ng/mL)	High Control 2 (ng/mL)
Morphine (2000 ng/mL cutoff)	1500	2500

EDDP Specific calibrator (1 x 5 mL bottle)*

Catalog Number	#10015-5	#10016-5	#10017-5	#10018-5
Analyte	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)	Level 4 (ng/mL)
EDDP (Methadone metabolite)	100	300	500	1000

EDDP Specific control set (2 x 5 mL bottles)

Catalog Number	Control Set 1 #3006-5		Control Set 2 #3007-5		Control Set 3 #3008-5	
Analyte	Low Control 1 (ng/mL)	High Control 1 (ng/mL)	Low Control 2 (ng/mL)	High Control 2 (ng/mL)	Low Control 3 (ng/mL)	High Control 3 (ng/mL)
EDDP (Methadone metabolite)	75	125	225	375	750	1250

*Negative calibrator #NEG-10-1 (1 x 10 mL bottle) is sold separately.
For in vitro diagnostic use.

SEFRIA™ Fentanyl calibrator (1 x 5 mL bottle)

Catalog Number	#NEG-600-5	#10019-5	#10020-5	#10021-5
Analyte	Negative Calibrator	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)
Fentanyl	0	1.0	2.0	4.0

SEFRIA™ Fentanyl control set (2 x 5 mL bottles)

Catalog Number	Control Set 1 #3009-5	
Analyte	Low Control 1 (ng/mL)	High Control 1 (ng/mL)
Fentanyl	0.5	1.5

Urine single drug calibrators

SEMI-QUANTITATIVE TESTING

Single drug calibrator sets – each set includes one bottle of each level + negative calibrator

Analyte	Catalog Number	Quantity x Bottle Size	Level 1 (ng/mL)	Level 2 (ng/mL)	Level 3 (ng/mL)	Level 4 (ng/mL)
(+)-Amphetamine	C309UR-5-5	5 x 5 mL	500	1000	1500	2000
Buprenorphine	C336UR-10-5	5 x 10 mL	5	10	20	40
Carisoprodol	C331-10-5	5 x 10 mL	50	100	200	500
Ketamine	C340UR-5-5	5 x 5 mL	50	100	200	500
Meperidine	C303-10-5	5 x 10 mL	100	200	500	1000
Oxycodone	C302UR-10-5	5 x 10 mL	100	300	500	1000
Tapentadol	C343-10-5	5 x 10 mL	100	200	300	1000
Tramadol	C304UR-10-5	5 x 10 mL	100	200	500	1000

QUALITATIVE TESTING

Single drug calibrators

Analyte	Concentration (ng/mL)	Catalog Number	Quantity x Bottle Size
6-acetylmorphine (6-AM Heroin metabolite)	10	10006	1 x 5 mL
AB-PINACA pentanoic acid	10	10030-5	1 x 5 mL
(+)-Amphetamine	500	C309UR-5-1-500	1 x 5 mL
(+)-Amphetamine	1000	C309UR-5-1-1000	1 x 5 mL
Buprenorphine	5	C336UR-10-1	1 x 10 mL
Carisoprodol	100	C331-10-1	1 x 10 mL
Ethyl Alcohol	100 mg/dL	10022-5	1 x 5 mL
Ethyl Glucuronide	500	C341-10-1-500	1 x 10 mL
Ethyl Glucuronide	1000	C341-10-1-1000	1 x 10 mL
JWH-018 N-pentanoic acid	10	10005	1 x 10 mL
Ketamine	100	C340UR-5-1	1 x 5 mL
Meperidine	200	C303-10-1	1 x 10 mL
Oxycodone	100	C302UR-10-1-100	1 x 10 mL
Oxycodone	300	C302UR-10-1-300	1 x 10 mL
Tapentadol	200	C343-10-1	1 x 10 mL
Tramadol	200	C304UR-10-1	1 x 10 mL
UR-144 N-pentanoic acid	10	C346-5-1	1 x 5 mL
Zolpidem	20	C333-10-1	1 x 10 mL
Negative calibrator	0	NEG-10-1	1 x 10 mL
Negative calibrator	0	NEG-500	1 x 500 mL

Urine single drug controls

Single drug control sets – each set includes one bottle of each control

Analyte	Concentration (ng/mL)	Catalog Number	Control Set (ng/mL)		Quantity x Bottle Size
			Low Control	High Control	
6-acetylmorphine (6-AM Heroin metabolite)	10	3004-5	7.5	12.5	2 x 5 mL
AB-PINACA pentanoic acid	10	3012-5	5	15	2 x 5 mL
(+)-Amphetamine	500	C309UR-5-2-500	375	625	2 x 5 mL
(+)-Amphetamine	1000	C309UR-5-2-1000	750	1250	2 x 5 mL
Buprenorphine	5	C336UR-10-2	3.75	6.25	2 x 10 mL
Carisoprodol	100	C331-10-2	75	125	2 x 10 mL
Ethyl Alcohol	100 mg/dL	3010-5	50 mg/dL	300 mg/dL	2 x 5 mL
Ethyl Glucuronide	500	C341-10-2-500	375	625	2 x 10 mL
Ethyl Glucuronide	1000	C341-10-2-1000	750	1250	2 x 10 mL
JWH-018 N-pentanoic acid	10	3003	5	15	2 x 10 mL
Ketamine	100	C340UR-5-2	75	125	2 x 5 mL
Meperidine	200	C303-10-2	150	250	2 x 10 mL
Oxycodone	100	C302UR-10-2-100	75	125	2 x 10 mL
Oxycodone	300	C302UR-10-2-300	225	375	2 x 10 mL
Tapentadol	200	C343-10-2	150	250	2 x 10 mL
Tramadol	200	C304UR-10-2	150	250	2 x 10 mL
UR-144 N-pentanoic acid	10	C346-5-2	5	15	2 x 5 mL
Zolpidem	20	C333-10-2	10	40	2 x 10 mL



Oral Fluid

Quantisal™ Collection Device and Saliva Drug Screening Kits

Oral fluid testing is ideal in settings where detection of recent drug use is necessary.

Oral fluid drug testing is gaining popularity with many organizations that require convenient, gender-neutral specimen collections, combined with the accuracy of scientifically-accepted and approved test methods. The simple, observable, and non-invasive nature of the collection means:

- Highly customizable test panel options covering a wide range of illicit and prescription drugs
- Collect samples anywhere
- Observed collection protects from specimen tampering or adulteration
- Excellent indication of recent drug use

Drug concentrations in oral fluid are more comparable with blood levels than urine. Oral fluid drug screen results provide valuable information about recent drug use, making it an ideal choice for a number of different monitoring programs in areas such as workplace, drug courts, and rehabilitation.

We offer a broad range of oral fluid HEIA™ and ELISA¹ assays that are suitable for these needs.

1. enzyme-linked immunosorbent assay (ELISA)

Quantisal™ Oral Fluid Collection Device

Easy, non-invasive, observed collection

The Quantisal™ collection device is recognized as a reliable and innovative testing format that offers fast and easy collection of oral fluid in order to detect the presence of drugs and alcohol.

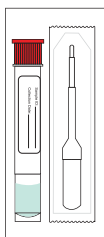


Key Benefits

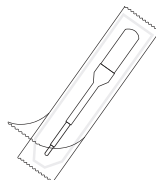
- Volume adequacy indicator
- Collects 1 mL ± 10% oral fluid
- Excellent extraction efficiencies
- No artificial stimulants

How to Collect a Specimen with Quantisal

- 1** Check expiration date on Quantisal packaging and ensure donor has refrained from consumption of food or beverage for 10 minutes prior to specimen collection.

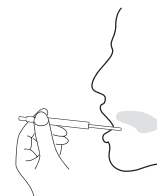


- 2** Instruct donor to peel open package and remove collector. To expedite the collection process, **have donor move tongue side to side to accumulate saliva** in mouth before starting. Keep the tip of the device pointed down.

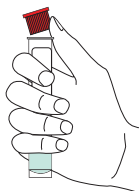


- 3** Instruct donor to position collector under tongue and close mouth. **Keep head down to allow gravity to help with saliva collection.**

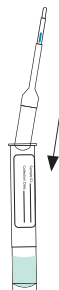
IMPORTANT: ensure donor does not chew on pad, talk, or remove collector from mouth until indicator turns **BLUE**, or until 10 minutes have passed.



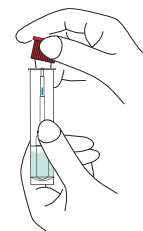
- 4** Instruct donor to hold transport tube in an upright position and uncapped by pushing up with thumb(s). Do not stand tube on table. Do not spill or empty the liquid from tube.



- 5** Instruct donor to insert collector into the uncapped transport tube and replace cap.



- 6** **SNAP CAP** firmly for transport. Place center of specimen seal on top of tube and press down both sides. Complete paperwork and send sample to laboratory.



For additional training information, please visit our website: www.immunalysis.com/products/oral-fluid/quantisal/collector-training/

Quantisal™ oral fluid collection device and accessories

Item Description	Catalog Number	Quantity
Quantisal™ oral fluid collection device	QS-0025	25
	QS-0500	500
Filter tubes for specimen processing	6212-FS-416	100
Filter tube caps	02-681-57	500

Item Description	Catalog Number	Volume
Calibrators and controls (High, medium, low, and negative calibrator)	OFC4-4	4 vials (4 mL each)
	OFC4-40	4 vials (40 mL each)
PM calibrators and controls (High, medium, low, and negative calibrator)	OFC-PM-10	4 vials (10 mL each)
Extraction buffer	EXTBUF-1000	1 L
Synthetic negative oral fluid diluted with extraction buffer	NOFC-0100	100 mL
	NOFC-0500	500 mL

Oral fluid HEIA™ drug screening kits

Item Description	Catalog Number and Kit Volume		
	25 mL	100 mL	500 mL
(+)-Amphetamine	309-0025	309-0100	309-0500
Benzodiazepines	314-0025	314-0100	314-0500
Buprenorphine	336OF-0025	336OF-0100	336OF-0500
Cocaine/Benzoyllecgonine (COC/BE)	312-0025	312-0100	312-0500
Methadone	332-0025	332-0100	332-0500
(+)-Methamphetamine	311-0025	311-0100	311-0500
Opiates	307-0025	307-0100	307-0500
Oxycodone	321-0025	321-0100	321-0500
Phencyclidine (PCP)	308-0025	308-0100	308-0500
THC	324-0025	324-0100	324-0500
Tramadol	325OF-0025	325OF-0100	325OF-0500

Oral fluid HEIA™ alcohol screening kit

Item Description	Catalog Number	Kit Volume	Number of Tests
Enzymatic oral fluid homogeneous alcohol	503-0100	100 mL	1000

Oral fluid ELISA drug screening kits

Item Description	Catalog Number and Number of Tests	
	480 Tests	4800 Tests
(+)-Amphetamine	209-0480	209-4800
Barbiturates	210-0480	210-4800
Benzodiazepines	214-0480	214-4800
Buprenorphine	236-0480	236-4800
Carisoprodol	231-0480	231-4800
Cocaine/Benzoyllecgonine (COC/BE)	212-0480	212-4800
Cotinine (Nicotine metabolite)	217-0480	
Dextromethorphan	238-0480	
Fentanyl	218-0480	218-4800
Fluoxetine	234-0480	
K2 (Synthetic Cannabinoids-1)	244-0480	
Ketamine	240-0480	
Meperidine	220-0480	220-4800
Methadone	232-0480	232-4800
(+)-Methamphetamine	211-0480	211-4800
Methylphenidate	219-0480	
Naltrexone	239-0480	
Opiates	207-0480	207-4800
Oxycodone	221-0480	
Phencyclidine (PCP)	208-0480	208-4800
Propoxyphene	237-0480	
Sertraline	235-0480	
THC	224-0480	224-4800
Tramadol	225-0480	225-4800
Tricyclic Antidepressants	222-0480	
Zolpidem	233-0480	

Oral fluid ELISA alcohol screening kit

Item Description	Catalog Number	Kit Volume or Quantity	Number of Tests
Enzymatic oral fluid ethyl alcohol	502-0500	500 mL	500
Blank 96 well microplates	MP-101	25 plates	2400

Oral fluid multi-analyte calibrators and controls

OFC4-4 (4 x 4 mL vials*) or **OFC4-40** (4 x 40 mL vials*) for concentrations in buffer divide by 4

Analyte	LOW Control Neat Oral Fluid (ng/mL)	Cutoff Calibrator Neat Oral Fluid (ng/mL)	HIGH Control Neat Oral Fluid (ng/mL)
(+)-Amphetamine	25	50	100
Benzoyllecgonine	10	20	40
Methadone	25	50	100
(+)-Methamphetamine	25	50	100
Morphine	20	40	80
Oxazepam	10	20	40
Phencyclidine (PCP)	5	10	20
Propoxyphene	20	40	80
Secobarbital	25	50	100
THC	2	4	8

OFC-PM-10 (4 x 10 mL vials*) for concentrations in buffer divide by 4

Analyte	LOW Control Neat Oral Fluid (ng/mL)	Cutoff Calibrator Neat Oral Fluid (ng/mL)	HIGH Control Neat Oral Fluid (ng/mL)
Buprenorphine	2.5	5	10
Carisoprodol	25	50	100
Fentanyl	0.5	1	2
Meperidine	25	50	100
Methadone	12.5	25	50
Oxazepam	5	10	20
Oxycodone	20	40	80
THC	4	8	16
Tramadol	25	50	100

*high, medium, low, and negative calibrator

ELISA

Enzyme-linked Immunosorbent Assay Screening Kits

Forensic drug testing solutions

The Immunalysis™ ELISA reagents meet the recommended scope and analytical cutoffs of toxicological analysis and DUID investigations. There is little or no sample preparation in complex matrices. Quality products with the accuracy, reliability, and confidence you expect.



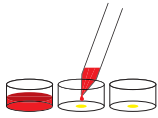
For forensic use only.

Key Benefits

- Specific and sensitive
- Single dilution factor
- Ready to use reagents for forensic matrices

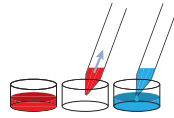
Assay Procedure*

1



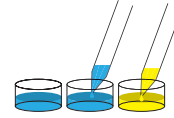
Dispense sample.
Add 100 μ L of conjugate.
Incubate for one hour.

2



Wash plates six times
with 350 μ L of DI water.

3



Add 100 μ L of TMB substrate
and incubate for 30 minutes.
Add 100 μ L of STOP solution
and read.

*procedure may vary

ELISA drug screening kits for forensic matrices (blood, meconium, tissue extract, urine, and vitreous humor)

Item Description	Catalog Number and Number of Tests			
	96 Tests	192 Tests	480 Tests	4800 Tests
Acetaminophen (Paracetamol)	227-0096		227-0480	
(+)-Amphetamine		209-0192	209-0480	209-4800
Barbiturates		210-0192	210-0480	210-4800
Benzodiazepines		214-0192	214-0480	214-4800
Buprenorphine	236-0096		236-0480	236-4800
Cannabinoids (-)-11-nor-carboxy- Δ 9-THC		205-0192	205-0480	205-4800
Carisoprodol	231-0096		231-0480	231-4800
Cocaine Metabolite (Benzoylecgonine specific)		206-0192	206-0480	206-4800
Cocaine (Cocaine/Cocaethylene)			229-0480	229-4800
Cocaine/Benzoylecgonine (COC/BE)		212-0192	212-0480	212-4800
Cotinine (Nicotine metabolite)	217-0096		217-0480	
Dextromethorphan	238-0096		238-0480	
Diphenhydramine	242-0096		242-0480	
Fentanyl	218-0096		218-0480	218-4800
Fluoxetine			234-0480	
K2 (Synthetic Cannabinoids-1)	244-0096		244-0480	
Ketamine	240-0096		240-0480	
LSD		215-0192		
Meperidine	220-0096		220-0480	220-4800
Methadone	232-0096		232-0480	232-4800
(+)-Methamphetamine		211-0192	211-0480	211-4800
Methylphenidate	219-0096		219-0480	
Morphine Specific		213-0192	213-0480	
Naltrexone	239-0096		239-0480	
Opiates		207-0192	207-0480	207-4800
Opiates (No Morphine 3-glucuronide cross-reactivity)			207B-0480	
Oxycodone (blood)	221B-0096		221B-0480	221B-4800
Oxycodone (urine)	221-0096		221-0480	
Phencyclidine (PCP)		208-0192	208-0480	208-4800
Propoxyphene	237-0096		237-0480	
Salicylates	228-0096		228-0480	
Sertraline			235-0480	
Tramadol	225-0096		225-0480	225-4800
Tricyclic Antidepressants	222-0096		222-0480	
Ultra Sensitive THC (hair)			230-0480	
Zolpidem	233-0096		233-0480	

Blood ELISA alcohol screening kit

Item Description	Catalog Number	Kit Volume or Quantity	Number of Tests
Enzymatic blood ethyl alcohol	501-0500	500 mL	500
Blank 96 well microplates	MP-101	25 plates	2400

ELISA buffers

Item Description	Catalog Number	Volume
BSA buffer 0.1% bovine serum albumin (100 mM phosphate buffered saline) pH 7.0	BSA-1000	1 L
PBS buffer (100 mM phosphate buffered saline) pH 7.0	PBS-1000	1 L
PBS buffer (phosphate buffered saline) dry powder pouch	PBS-1-PK	1 L
Synthetic negative blood matrix	SB-0050	50 mL
Synthetic negative urine pouch (dry powder) with creatinine	SUP-5	5 L
Synthetic negative urine pouch (dry powder) without creatinine	SUPCF-5	5 L
N-EXT™ meconium extraction buffer	MEB-1000	1 L
Reconstitution buffer pouch	RB5000	5 L
Hair extraction buffer	HEB-1000	1 L
STOP reagent	SO-103-30	30 mL
	SO-103-750	2 x 375 mL



Additional Testing Information

Alcohol Testing

Quantitative enzymatic alcohol assay

The Society of Forensic Toxicologists (SOFT) and American Academy of Forensic Sciences (AAFS) guidelines¹ recommend that the initial detection of drugs or toxins be confirmed by a second technology based on a different chemical principle. With the Immunoanalysis enzymatic alcohol, a

preliminary screening method can be implemented prior to headspace gas chromatography in compliance with the guidelines. With a test designed to work on existing laboratory analyzers, no capital expenditure may be required.

Key Benefits

- High-throughput assay design
- Suitable for use with blood, urine, or saliva matrices
- Excellent correlation with gold-standard, headspace GC testing
- Cost-effective



Alcohol Screening Kits

Endpoint / Microplate

Item Description	Catalog Number	Kit Volume or Quantity
Enzymatic blood ethyl alcohol	501-0500	500 mL
Enzymatic oral fluid ethyl alcohol	502-0500	500 mL
Blank 96 well microplates	MP-101	25 plates

Auto Analyzer

Item Description	Catalog Number	Kit Volume
Enzymatic oral fluid homogeneous alcohol	503-0100	100 mL

1. Society of Forensic Toxicologists Inc. and American Academy of Forensic Sciences, Toxicology Section, http://www.soft-tox.org/files/Guidelines_2006_Final.pdf

Kit Components and Fill Volumes: HEIA™ and SEFRIA™

Urine SEFRIA™ drug screening kit

Item Description	Catalog Number	Content	Kit Fill Volume			
			XXX-0025	XXX-0060W	XXX-0100	XXX-0500
Fentanyl	618UR	Reagent EA	25 mL	60 mL	100 mL	500 mL
		Reagent ED	15 mL	37 mL	60 mL	300 mL

Urine HEIA™ drug screening kits

Item Description	Catalog Number	Content	Kit Fill Volume			
			XXX-0025	XXX-0060W	XXX-0100	XXX-0500
All urine HEIA kits (not listed below)		Reagent A	25 mL	60 mL	100 mL	500 mL
		Reagent E	25 mL	60 mL	100 mL	500 mL
6-AM (6-acetylmorphine)	347UR	Reagent A Reagent E	25 mL 10 mL	60 mL 30 mL	125 mL 50 mL	500 mL 200 mL
Cannabinoids (-)-11-nor-carboxy-Δ9-THC	305UR					
Tapentadol	343					
Benzodiazepines	314UR	Reagent A Reagent E	25 mL 18 mL	60 mL 40 mL	100 mL 70 mL	500 mL 350 mL
Benzoylcegonine (Cocaine metabolite)	306UR					
EDDP (Methadone metabolite)	349UR					
Ethyl Glucuronide (EtG)	341					
Ketamine	340UR					
(+)-Methamphetamine	311UR					
Phencyclidine (PCP)	308UR					
K2 (Synthetic Cannabinoids-1)	344					
K2 (Synthetic Cannabinoids-2)	346					
Synthetic Cannabinoids-3	350					
Zolpidem	333					

Oral fluid HEIA™ drug screening kits

Item Description	Catalog Number	Content	Kit Fill Volume		
			XXX-0025	XXX-0100	XXX-0500
All oral fluid HEIA kits (not listed below)		Reagent A	25 mL	100 mL	500 mL
		Reagent E	15 mL	60 mL	300 mL
Buprenorphine	336OF	Reagent A	25 mL	100 mL	500 mL
Oxycodone	321	Reagent E	25 mL	100 mL	500 mL
Tramadol	325OF	Reagent A	25 mL	100 mL	500 mL
		Reagent E	18 mL	70 mL	350 mL

Oral fluid HEIA™ alcohol screening kit

Item Description	Catalog Number	Content	Kit Fill Volume
			503-0100
Enzymatic oral fluid homogeneous alcohol (auto analyzer)	503	Reagent A	100 mL
		Reagent E	2 x 50 mL

Kit Components and Fill Volumes: ELISA

ELISA drug screening kits

Item Description	Catalog Number	Content	Kit Fill Volume			
			XXX-0096	XXX-0192	XXX-0480	XXX-4800
All ELISA kits (not listed below)		96 well plate	1x	2x	5x	50x
		Conjugate	15 mL	25 mL	60 mL	750 mL
		TMB – substrate	30 mL	30 mL	2 x 30 mL	750 mL
		STOP reagent	30 mL	30 mL	2 x 30 mL	*
		Negative standard	2 mL	2 mL	5 mL	3 x 5 mL
Acetaminophen	227	96 well plate	1x		5x	
		Conjugate concentrated	200 µL		1 mL	
		Conjugate diluent	20 mL		60 mL	
		TMB – substrate	30 mL		2 x 30 mL	
		STOP reagent	30 mL		2 x 30 mL	
		Positive standard	2 mL		5 mL	
		Negative standard	2 mL		5 mL	
Cotinine (Nicotine metabolite)	217	96 well plate	1x		5x	
		Conjugate	15 mL		60 mL	
		TMB – substrate	30 mL		2 x 30 mL	
		STOP reagent	30 mL		2 x 30 mL	
		Positive serum control	5 x 1 mL		5 x 1 mL	
		Negative serum control	1 mL		2 mL	
		Positive standard	2 mL		5 mL	
		Negative standard	2 mL		5 mL	
Ultra Sensitive THC (hair)	230	96 well plate			5x	
		Conjugate			2 x 60 mL	
		BSA buffer			60 mL	
		TMB – substrate			2 x 60 mL	
		STOP reagent			2 x 30 mL	
Salicylates Dextromethorphan K2 (Synthetic Cannabinoids-1)	228	96 well plate	1x		5x	
	238	Conjugate	15 mL		60 mL	
	244	TMB – substrate	30 mL		2 x 30 mL	
		STOP reagent	30 mL		2 x 30 mL	
		Positive standard	2 mL		5 mL	
		Negative standard	2 mL		5 mL	

*sold separately.

For forensic use only.

Oral Fluid ELISA drug screening kits

Item Description	Catalog Number	Content	Kit Fill Volume			
			XXX-0096	XXX-0192	XXX-0480	XXX-4800
All oral fluid ELISA kits (not listed below)		96 well plate			5x	50x
		Conjugate			60 mL	750 mL
		TMB – substrate			2 x 30 mL	750 mL
		STOP reagent			2 x 30 mL	*
		Negative standard			5 mL	3 x 5 mL
THC	224	96 well plate			5x	50x
		THC pre-incubation buffer			25 mL	260 mL
		Conjugate			35 mL	375 mL
		TMB – substrate			2 x 30 mL	750 mL
		STOP reagent			2 x 30 mL	*
		Calibrator and control set (OFC4-4 or OFC 4-40)			4 x 4 mL	4 x 40 mL

Oral Fluid ELISA alcohol screening kit

Item Description	Catalog Number	Content	Kit Fill Volume
			502-0500
Enzymatic oral fluid ethyl alcohol	502	Reagent A	55 mL
		Reagent E	55 mL
		Extraction buffer	20 mL

Blood ELISA alcohol screening kit

Item Description	Catalog Number	Content	Kit Fill Volume
			501-0500
Enzymatic blood ethyl alcohol	501	Reagent A	55 mL
		Reagent E	55 mL
		Perchloric acid	400 mL

*sold separately.

ELISA Instrumentation

Immunoanalysis and Tecan have a 17 year partnership providing forensic screening solutions.

Manual system

System Description	Number of Test per Year*
Sunrise™ Reader	1,000 – 30,000
Columbus or Hydroflex Washer	1,000 – 30,000

Semi-automated systems with fixed Teflon-coated washable tips

System Description	Number of Test per Year*	Number of Tips	Washer / Reader	Maximum Plates	Maximum Assays	Maximum Samples	Process Time (hours)
Freedom EVO® 75/1 or 75/2	45,000 – 90,000	1 or 2	Standalone	9	18	48	2.5 – 3.0
Freedom EVO® 100/4 or 100/8	90,000	4 or 8	Standalone	9	18	96	3.0 – 3.5
Freedom EVO® 150/8	90,000	8	Standalone	12	24	96	3.5 – 4.0

Fully-automated system with fixed Teflon-coated washable tips

System Description	Number of Test per Year*	Number of Tips	Washer / Reader	Maximum Plates	Maximum Assays	Maximum Samples	Process Time (hours)
Freedom EVO® 75/2 Workstation with Robotic Manipulator Arm (ROMA)	30,000 – 60,000	2	Integrated	6	12	48	2.5 – 4.0



*Number of tests per year is based on one full run per day.

For forensic use only.

Ordering Information

For information or to place an order, please contact:

Immunoanalysis Corporation
829 Towne Center Drive
Pomona, CA 91767
Phone: 909.482.0840
Toll Free: 888.664.8378 (US and Canada Only)
Fax: 909.482.0850
Email: order@immunoanalysis.com

Payment Terms

Payments are to be made Net 30 days (except credit card payments). All payments are to be made in US funds only. We accept Visa, MasterCard, and American Express.

Please Make Check Payable to:

Immunoanalysis Corporation
File 57412
Los Angeles, CA 90074-7412

Please Send Wire Transfers to:

Citizens Bank
Providence, RI 02903
Swift code: CTZIUS33
ABA# 011500120 (Wire)
ABA# 211070175 (ACH)
Account name: Immunoanalysis
Account# 1326434958 (Operating)

Shipping Terms

F.O.B. Pomona, CA. Orders are shipped 2nd day service. Overnight service available upon request.

Damage Claims>Returns

All shipments received should be inspected and stored according to package directions. Damaged goods should be reported to Immunoanalysis Corporation within 72 hours of delivery. Immunoanalysis Corporation will investigate and take corrective action. Returns must be pre-authorized and are subject to a 20% restocking charge.

Return shipping instructions will be provided by your Immunoanalysis representative.

Contact Information

Immunoanalysis Corporation

829 Towne Center Drive
Pomona, CA 91767
Phone: 909.482.0840
Toll Free: 888.664.8378
Fax: 909.482.0850
Email: info@immunoanalysis.com
www.immunoanalysis.com

Technical Support

829 Towne Center Drive
Pomona, CA 91767
Phone: 909.482.0840
Fax: 909.482.0850
Email: application@immunoanalysis.com



888.664.8378 | immunalysis.com