

Product Catalog

February 2016

IMMUNALYSIS



www.immunalysis.com | **We are Toxicology.™**

Tel 909.482.0840 | Toll Free 888.664.8378 | Fax 909.482.0850

Comprehensive – **Drug Testing Solutions**



24 Urine HEIA Assays



13 Oral Fluid HEIA Assays
27 Oral Fluid ELISA Assays



37 ELISA Assays
for Multiple Matrices

We are Toxicology.™

Immunalysis develops and manufactures immunoassay reagents for drug testing in a variety of biological matrices. With an expansive line of ELISA and Homogeneous Enzyme (HEIA™) assays plus Quantisal®, our proprietary oral fluid collection device, automation tools and confirmation support, we provide forensic toxicologists with powerful, comprehensive drug testing solutions.

IMMUNALYSIS

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Homogeneous Enzyme Immunoassay (HEIA™)

Accurate, Rapid, Reliable

A pioneer in the development of opioid and esoteric assays, **Immunoanalysis** now offers a complete menu of Urine HEIA reagents for drug testing.



60 mL wedges are compatible
 with Beckman Coulter AU analyzers.

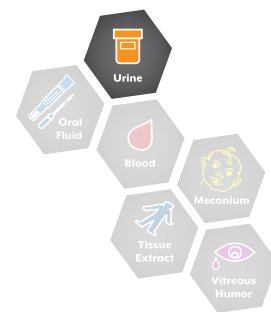
**Homogeneous assay; lends itself
 to high throughput automation**

**Liquid stable reagents:
 Ready to use, no reconstitution**

Convenient packaging

Urine Panel

6-AM (6-acetylmorphine) **FDA Cleared**
 Amphetamine **FDA Cleared**
 Barbiturates*
 Benzodiazepines*
 Benzoyllecgonine (Cocaine Metabolite) **FDA Cleared**
 Buprenorphine **FDA Cleared**
 Cannabinoids (THC) **FDA Cleared**
 Carisoprodol*
 EDDP Specific Urine **FDA Cleared**
 Ethyl Glucuronide (EtG)*
 Fentanyl*
 Ketamine*
 Meperidine*
 Methadone*
 Methamphetamine*
 Opiates **FDA Cleared**
 Oxycodone **FDA Cleared**
 Phencyclidine (PCP) **FDA Cleared**
 Synthetic Cannabinoids*
 K2 (Synthetic Cannabinoids-1)
 K2 (Synthetic Cannabinoids-2)
 Synthetic Cannabinoids-3
 Tapentadol*
 Tramadol **FDA Cleared**
 Zolpidem*



Urine HEIA Kits

Item Description	Cutoff (ng/mL)	Catalog Number and Kit Volume			
		25 mL	60 mL Wedge	100 mL	500 mL
6-AM (6-acetylmorphine)	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 (THC)	50	305UR-0025	305UR-0060W	305UR-0100	305UR-0500
Carisoprodol*	100	331-0025	331-0060W	331-0100	331-0500
EDDP Specific Urine	100, 300 or 1000	349UR-0025	349UR-0060W	349UR-0100	349UR-0500
Ethyl Glucuronide (EtG)*	500 or 1000	341-0025	341-0060W	341-0100	341-0500
Fentanyl*	2	318-0025	318-0060W	318-0100	318-0500
Ketamine*	100	340UR-0025	340UR-0060W	340UR-0100	340UR-0500
Meperidine*	200	303-0025	303-0060W	303-0100	303-0500
Methadone*	300	301-0025	301-0060W	301-0100	301-0500
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 or 20	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

Multi-Drug Calibrators & Controls (MDC) for Urine HEIA Kits

Multi-Drug Calibrator (15 or 25 mL)				
One 15 mL or 25 mL bottle of each calibrator level indicated (*Negative Standard sold separately)				
Analyte	Level 1 (ng/mL) *10000-15 / -25	Level 2 (ng/mL) *10001-15 / -25	Level 3 (ng/mL) *10002-15 / -25	Level 4 (ng/mL) *10003-15 / -25
Benzoylcegonine (Cocaine Metabolite)	150	300	500	1000
(±)-Methadone	100	300	500	1000
(+)-Methamphetamine	500	1000	1500	2000
Morphine	100	300	500	1000
Oxazepam	100	200	500	1000
PCP	12.5	25	50	100
Secobarbital	100	200	500	1000

Order
MDC Calibrators
Individually
in 15 mL
or 25 mL

Multi-Drug Control Set (15 or 25 mL)				
One pair of 15 mL or 25 mL bottles of low and high control at the levels indicated				
Analyte	Control Set 1 #3000-15 / -25		Control Set 2 #3001-15 / -25	
	LOW Control 1 (ng/mL)	HIGH Control 1 (ng/mL)	LOW Control 2 (ng/mL)	HIGH Control 2 (ng/mL)
Benzoylcegonine (Cocaine Metabolite)	112.5	187.5	225	375
(±)-Methadone	225	375	n/a	n/a
(+)-Methamphetamine	375	625	750	1250
Morphine	225	375	1500	2500
Oxazepam	150	250	n/a	n/a
PCP	19	31	n/a	n/a
Secobarbital	150	250	n/a	n/a

Cannabinoids (cTHC) Urine Calibrator				
One 5 mL or 15 mL bottle of each calibrator level indicated (*Negative Standard sold separately)				
Analyte	Level 1 (ng/mL) *10011-5 / -15	Level 2 (ng/mL) *10012-5 / -15	Level 3 (ng/mL) *10013-5 / -15	Level 4 (ng/mL) *10014-5 / -15
(-)-11-nor-carboxy-Δ9-THC	20	50	100	200

Cannabinoids (cTHC) Urine Control Set		
One pair of 5 mL or 15 mL bottles of low and high control at the levels indicated		
Analyte	Control Set #3005-5 / -15	
	LOW Control (ng/mL)	HIGH Control (ng/mL)
(-)-11-nor-carboxy-Δ9-THC	37.5	62.5

Opiates Urine 2000 Calibrator				
One 5 mL or 15 mL bottle of each calibrator level indicated (*Negative Standard sold separately)				
Analyte	Level 1 (ng/mL) *10007-5 / -15	Level 2 (ng/mL) *10008-5 / -15	Level 3 (ng/mL) *10009-5 / -15	Level 4 (ng/mL) *10010-5 / -15
Morphine	1000	2000	4000	6000

Opiates Urine 2000 Control Set		
One pair of 15 mL or 25 mL bottles of low and high control at the levels indicated		
Analyte	Control Set 2 #3001-15 / -25	
	LOW Control 2 (ng/mL)	HIGH Control 2 (ng/mL)
Morphine (2000 ng/mL cutoff)	1500	2500

EDDP Specific Urine Calibrator				
One 5 mL bottle of each calibrator level indicated (*Negative Standard sold separately)				
Analyte	Level 1 (ng/mL) *10015-5	Level 2 (ng/mL) *10016-5	Level 3 (ng/mL) *10017-5	Level 4 (ng/mL) *10018-5
EDDP Specific Urine	100	300	500	1000

EDDP Specific Urine Control Set						
One pair of 5 mL bottles of low and high control at the levels indicated						
Analyte	Control Set 1 #3006-5		Control Set 2 #3007-5		Control Set 3 #3008-5	
	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 Specific Urine	75	125	225	375	750	1250

	Catalog No.	Qty & Bottle Size	Concentration (ng/mL)
*Negative Standard	Neg-10-1	1 x 10 mL	0

Specific Single Analyte Calibrators & Controls

Single Analyte Calibrators for Urine HEIA Kits

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Single Analyte Calibrator Sets — SEMI-QUANTITATIVE TESTING

One bottle of each calibrator level indicated (One bottle of drug-free synthetic urine is provided with the set)

	Catalog No.	Qty & Bottle Size	Level 1 Concentration (ng/mL)	Level 2 Concentration (ng/mL)	Level 3 Concentration (ng/mL)	Level 4 Concentration (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
Fentanyl	C318-10-5	5 x 10 mL	2	4	8	16
Ketamine	C340UR-5-5	5 x 5 mL	50	100	200	500
Meperidine	C303-10-5	5 x 10 mL	100	200	500	1000
(±)-Methadone	C301-10-5	5 x 10 mL	100	300	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

Single Analyte Calibrators — QUALITATIVE TESTING

One bottle of each calibrator level indicated

	Catalog No.	Qty & Bottle Size	Concentration (ng/mL)
6-AM (6-acetylmorphine)	10006	1 x 5 mL	10
AB-PINACA pentanoic acid	10030	1 x 5 mL	10
(+)-Amphetamine	C309UR-5-1-500	1 x 5 mL	500
(+)-Amphetamine	C309UR-5-1-1000	1 x 5 mL	1000
Buprenorphine	C336UR-10-1	1 x 10 mL	5
Carisoprodol	C331-10-1	1 x 10 mL	100
Ethyl Glucuronide	C341-10-1-500	1 x 10 mL	500
Ethyl Glucuronide	C341-10-1-1000	1 x 10 mL	1000
Fentanyl	C318-10-1	1 x 10 mL	2
JWH-018 N-pentanoic acid	10005	1 x 10 mL	10
JWH-018 N-pentanoic acid	10004	1 x 10 mL	20
Ketamine	C340UR-5-1	1 x 5 mL	100
Meperidine	C303-10-1	1 x 10 mL	200
(±)-Methadone	C301-10-1	1 x 10 mL	300
Oxycodone	C302UR-10-1-100	1 x 10 mL	100
Oxycodone	C302UR-10-1-300	1 x 10 mL	300
Tapentadol	C343-10-1	1 x 10 mL	200
Tramadol	C304UR-10-1	1 x 10 mL	200
UR-144 N-pentanoic acid	C346-5-1	1 x 5 mL	10
Zolpidem	C333-10-1	1 x 10 mL	20
Drug-Free Negative Urine	Neg-10-1	1 x 10 mL	0
Drug-Free Negative Urine	Neg-500	1 x 500 mL	0

Single Analyte Controls for Urine HEIA Kits

Single Analyte Control Sets

One bottle of each control level indicated

	Catalog No.	Qty & Bottle Size	Low Control (ng/mL)	High Control (ng/mL)
6-AM 10 ng/mL	3004	2 x 5 mL	7.5	12.5
AB-PINACA pentanoic acid 10 ng/mL	3012	2 x 5 mL	5	15
(+)-Amphetamine 500 ng/mL	C309UR-5-2-500	2 x 5 mL	375	625
(+)-Amphetamine 1000 ng/mL	C309UR-5-2-1000	2 x 5 mL	750	1250
Buprenorphine 5 ng/mL	C336UR-10-2	2 x 10 mL	3.75	6.25
Carisoprodol 100 ng/mL	C331-10-2	2 x 10 mL	75	125
Ethyl Glucuronide 500 ng/mL	C341-10-2-500	2 x 10 mL	375	625
Ethyl Glucuronide 1000 ng/mL	C341-10-2-1000	2 x 10 mL	750	1250
Fentanyl 2 ng/mL	C318-10-2	2 x 10 mL	1	4
JWH-018 N-pentanoic acid 10 ng/mL	3003	2 x 10 mL	5	15
JWH-018 N-pentanoic acid 20 ng/mL	3002	2 x 10 mL	10	30
Ketamine 100 ng/mL	C340UR-5-2	2 x 5 mL	75	125
Meperidine 200 ng/mL	C303-10-2	2 x 10 mL	150	250
(±)-Methadone 300 ng/mL	C301-10-2	2 x 10 mL	225	375
Oxycodone 100 ng/mL	C302UR-10-2-100	2 x 10 mL	75	125
Oxycodone 300 ng/mL	C302UR-10-2-300	2 x 10 mL	225	375
Tapentadol 200 ng/mL	C343-10-2	2 x 10 mL	150	250
Tramadol 200 ng/mL	C304UR-10-2	2 x 10 mL	150	250
UR-144 N-pentanoic acid 10 ng/mL	C346-5-2	2 x 5 mL	5	15
Zolpidem 20 ng/mL	C333-10-2	2 x 10 mL	10	40

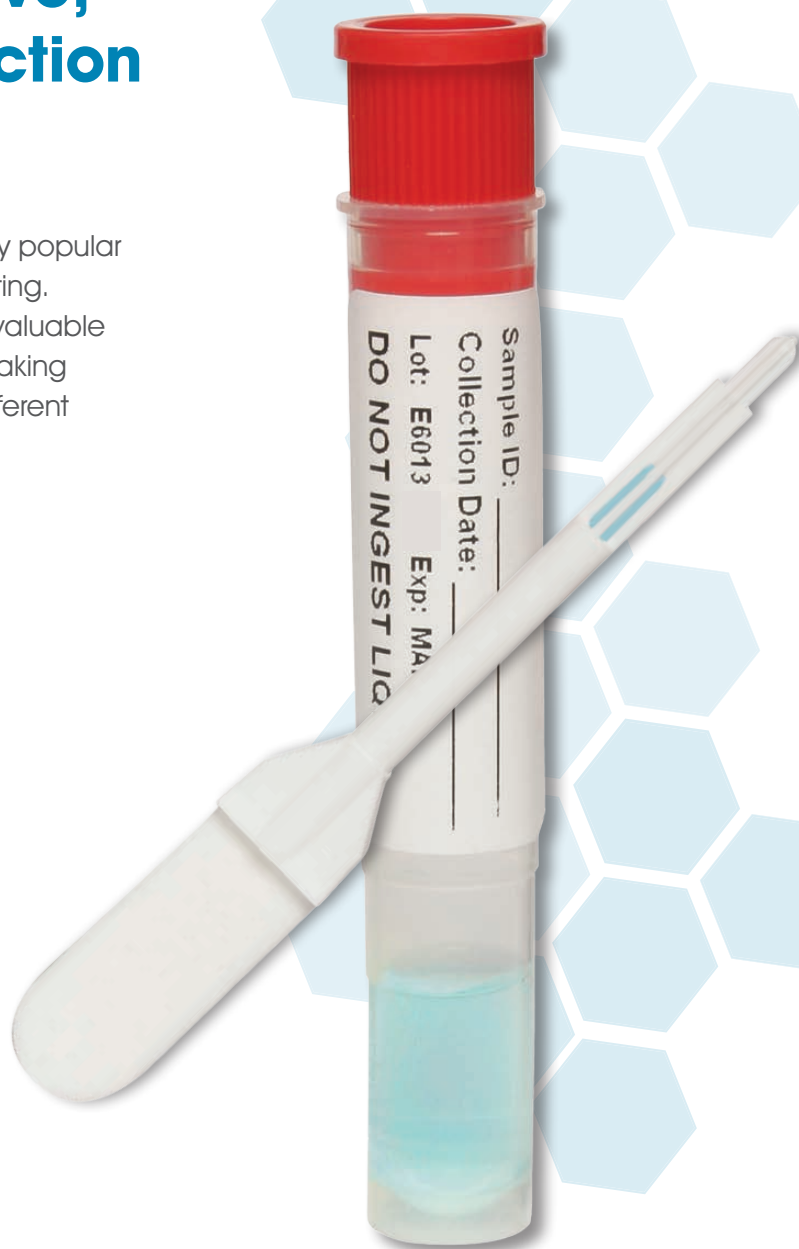


IMMUNALYSIS

Oral Fluid

Easy, Non-Invasive, Observed Collection

Oral fluid has become an increasingly popular alternative for use in forensic drug testing. Oral fluid drug screen results provide valuable information about recent drug use making it an ideal choice for a number of different monitoring programs.



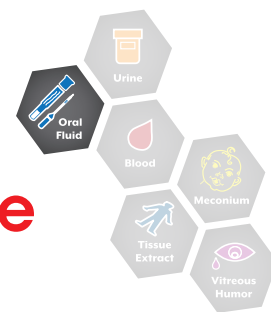


Oral Fluid represents a paradigm shift in drug testing.

The simple, observable and non-invasive nature of the collection means:

- **No gender-specific collectors necessary**
- **No bathroom required**
- **Minimized potential for adulteration or substitution**

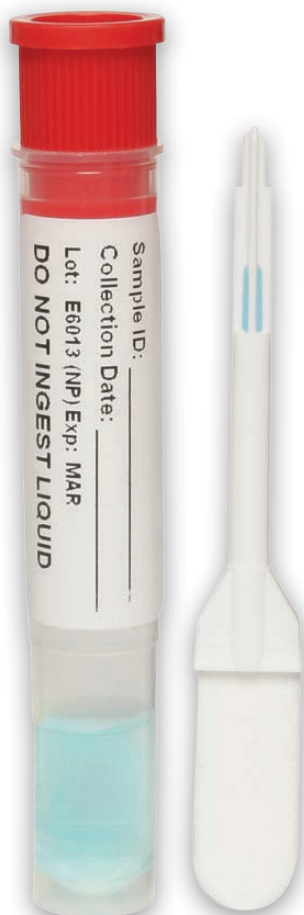
Specimen matrix more closely matched to blood than urine



Quantisal® Oral Fluid Collection Device

Quantisal offers unique advantages:

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

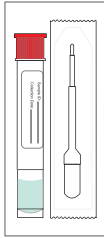
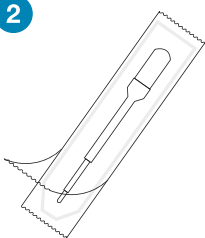
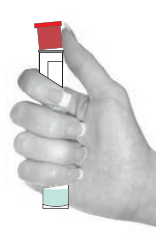
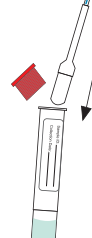


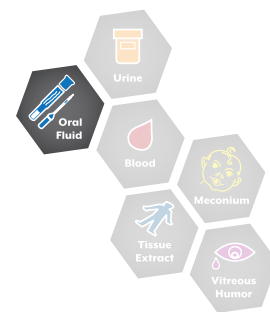
Item Description	Catalog Number	Quantity
Oral Fluid Collection Device	QS-0025	25
	QS-0500	500
Oral Collector Filters for Processing	QP-106	100

Oral Fluid Collector Filter Caps	QP-105	500
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Item Description	Catalog Number	Volume
Calibrators and Controls (High, Medium, Low and Negative)	OFC4-4	4 vials (4 mL each)
	OFC4-40	4 vials (40 mL each)
PM Calibrators and Controls (High, Medium, Low and Negative)	OFC-PM-10	4 vials (10 mL each)
Extraction Buffer	EXTBUF-1000	1 L
Synthetic Negative Oral Fluid diluted w/ extraction buffer	NOFC-0100	100 mL
	NOFC-0500	500 mL

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. Have donor move tongue side to side to accumulate saliva in his/her mouth before starting to speed up the collection. 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 has elapsed.	4  Instruct donor to hold transport tube in an upright position and uncup by pushing up with thumb(s). Do not stand tube on table. Do not spill or empty liquid from tube.	5  Instruct donor to insert collector into the uncapped transport tube and replace the 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.
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Oral Fluid Multi-Analyte Calibrator and Control Sets

OFC4-4 (4 mL) and OFC4-40 (40 mL)

Immunalysis Oral Fluid Multi-Analyte Calibrator and Control Set

Analyte	LOW Control Neat Oral Fluid (ng/mL)	Cutoff Calibrator Neat Oral Fluid (ng/mL)	HIGH Control Neat Oral Fluid (ng/mL)
Benzoyllecgonine	10	20	40
d-amphetamine	25	50	100
d-methamphetamine	25	50	100
Methadone	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

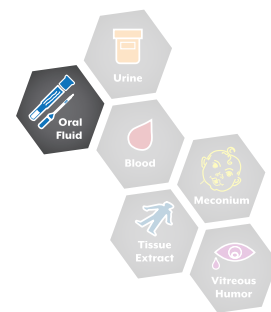
For concentrations in buffer divide by 4

OFC-PM-10 (10 mL)

Immunalysis Oral Fluid Multi-Analyte PM Calibrator & Control Set

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

For concentrations in buffer divide by 4

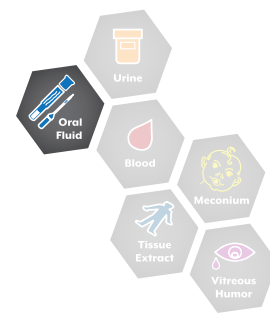


Oral Fluid – HEIA™

Oral Fluid HEIA Kits	Catalog Number and Kit Volume		
Item Description	25 mL	100 mL	500 mL
Alcohol	503-0100 *		
Amphetamine	309-0025	309-0100	309-0500
Benzodiazepines	314-0025	314-0100	314-0500
Buprenorphine	3360F-0025	3360F-0100	3360F-0500
Cocaine/Benzoyllecgonine (COC/BE)	312-0025	312-0100	312-0500
Meperidine	3200F-0025	3200F-0100	3200F-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	3250F-0025	3250F-0100	3250F-0500



* Alcohol is available as an enzymatic assay. For more information, see page 16.



Oral Fluid – ELISA

Oral Fluid ELISA Kits	Catalog Number and Number of Tests		
Item Description	480 Tests	500 Tests	4800 Tests
Alcohol	502-0500 *		
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		244-4800
Ketamine	240-0480		
Meperidine	220-0480		220-4800
Methadone	232-0480		232-4800
Methamphetamine	211-0480		211-4800
Methylphenidate	219-0480		219-4800
Naltrexone	239-0480		
Opiates	207-0480		207-4800
Oxycodone	221-0480		221-4800
Phencyclidine (PCP)	208-0480		208-4800
Propoxyphene	237-0480		237-4800
Sertraline	235-0480		235-4800
THC	224-0480		224-4800
Tramadol	225-0480		225-4800
Tricyclic Antidepressants	222-0480		
Zolpidem	233-0480		

* Alcohol is available as an enzymatic assay. For more information, see page 16.

Enzyme Linked Immunosorbent Assay (ELISA)

Sensitive and Specific

Signal generation is independent
of immune reaction stage

Highly sensitive

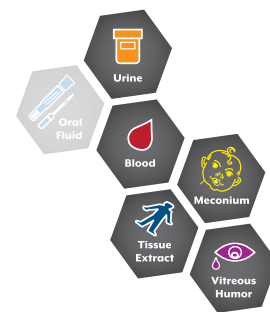
Ready to use reagents

Color coded reagents / bottles



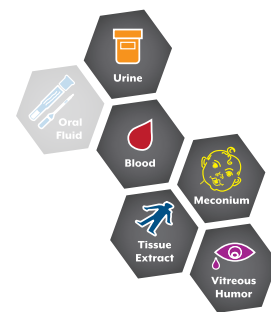
Assay Procedure

- 1  Dispense Sample
- 2  Add 100 uL of Conjugate
- 3  Incubate 1 hour
- 4  Wash plates 6 times
with 350 uL of DI water
- 5  Add 100 uL of TMB substrate
and incubate 30 min.
- 6  Add 100 uL of Acid
stop and read



ELISA for Forensic Matrices

Item Description	Catalog Number and Number of Tests			
	96 Tests	192 Tests	480 Tests	4800 Tests
Acetaminophen (Paracetamol)	227-0096		227-0480	227-4800
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 (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)		229-0192	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 (DPH)	242-0096		242-0480	
Fentanyl	218-0096		218-0480	218-4800
Flunitrazepam	216-0096			
Fluoxetine	234-0096		234-0480	234-4800
K2 (Synthetic Cannabinoids-1)	244-0096		244-0480	244-4800
Ketamine	240-0096		240-0480	
LSD		215-0192		
Meperidine (Demerol®/Pethidine)	220-0096		220-0480	220-4800
Methadone	232-0096		232-0480	232-4800
Methamphetamine		211-0192	211-0480	211-4800
Methylphenidate (Ritalin®)	219-0096		219-0480	219-4800
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	

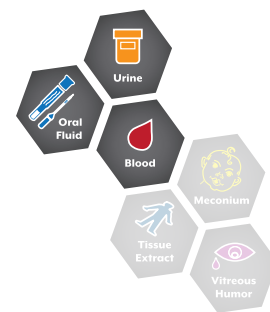


Item Description	Catalog Number and Number of Tests			
	96 Tests	192 Tests	480 Tests	4800 Tests
Oxycodone (Blood)	221B-0096		221B-0480	221B-4800
Oxycodone (Urine)	221-0096		221-0480	221-4800
Phencyclidine (PCP)		208-0192	208-0480	208-4800
Propoxyphene	237-0096		237-0480	237-4800
Salicylates	228-0096		228-0480	
Sertraline (Zoloft®)	235-0096		235-0480	235-4800
Tramadol	225-0096		225-0480	225-4800
Tricyclic Antidepressants	222-0096		222-0480	
Ultra Sensitive THC		230-0192	230-0480	230-4800
Zolpidem (Ambien®)	233-0096		233-0480	

Buffers

Item Description	Catalog No.	Volume
BSA Buffer 0.1% Bovine Serum Albumin in 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-0025	25 mL
	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-100	100 mL
	MEB-1000	1 L
Reconstitution Buffer Pouch	RB5000	5 L
Hair Extraction Buffer	HEB-0100	100 mL
	HEB-1000	1 L
Neutralizing Buffer	NEB-0050	50 mL

Zoloft® is a registered trademark of Pfizer Inc.
Ambien® is a registered trademark of sanofi-aventis U.S. LLC.



Alcohol Testing

Quantitative Enzymatic Alcohol Assay

SOFT/AAFS Guidelines recommend that the initial detection of drugs or toxins be confirmed by a second technology based on a different chemical principle. With the Immunalysis enzymatic alcohol, you can implement a new screening method prior to GC testing or utilize the assay as a confirmation test to gold-standard, headspace GC ethanol testing in compliance with the Guidelines. With a test designed to work on your existing laboratory analyzers, no capital expenditure is required!

High-throughput assay design

Suitable for use with blood, urine or saliva matrices

Excellent correlation with gold-standard, headspace GC

Cost effective

Alcohol Test Kits

Endpoint / Microplate

Item Description	Catalog Number	Number of Tests
Blood Ethyl Alcohol Assay	501-0500	500
Oral Fluid Ethyl Alcohol Assay	502-0500	500
Blank 96 Well Microplates	MP-101	2400

Auto Analyzer

Item Description	Catalog Number	Number of Tests
Homogeneous Alcohol Oral Fluid Kit	503-0100	1000

Kit Components & Fill Volumes – HEIA

17

HEIA Kits	Content	Fill Volumes			
		XXX-0025	XXX-0060W	XXX-0100	XXX-0500
All 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
347UR 6-AM (6-acetylmorphine)	Reagent A	25 mL	60 mL	125 mL	500 mL
305UR Cannabinoids (THC)					
318 Fentanyl	Reagent E	10 mL	30 mL	50 mL	200 mL
343 Tapentadol					
314UR Benzodiazepines	Reagent A	25 mL	60 mL	100 mL	500 mL
306UR Benzoylcegonine (Cocaine Metabolite)					
349UR EDDP Specific Urine	Reagent E	18 mL	40 mL	70 mL	350 mL
341 Ethyl Glucuronide (EtG)					
340UR Ketamine	Reagent A	25 mL	60 mL	100 mL	500 mL
301 Methadone					
311UR Methamphetamine	Reagent E	18 mL	40 mL	70 mL	350 mL
308UR Phencyclidine (PCP)					
344 K2 (Synthetic Cannabinoids-1)	Reagent A	25 mL	60 mL	100 mL	500 mL
346 K2 (Synthetic Cannabinoids-2)					
350 Synthetic Cannabinoids-3	Reagent E	18 mL	40 mL	70 mL	350 mL
333 Zolpidem					

Oral Fluid HEIA Kits	Content	Fill Volumes		
		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
3360F Buprenorphine	Reagent A	25 mL	100 mL	500 mL
321 Oxycodone				
3250F Tramadol	Reagent A	25 mL	100 mL	500 mL
	Reagent E	18 mL	70 mL	350 mL

Oral Fluid HEIA Alcohol	Content	Fill Volumes	
		503-0500	
Oral Fluid Ethyl Alcohol Assay (Auto Analyzer)	Reagent A	100 mL	
	Reagent E	2 x 50 mL	

Kit Components & Fill Volumes – ELISA

All ELISA Kits (except those listed below)

Content	XXX-0096	XXX-0192	XXX-0480	XXX-4800
96 Well Plate	1 X	2 X	5 X	50 X
Conjugate	15 mL	25 mL	60 mL	750 mL
TMB-Substrate	30 mL	30 mL	2 x 30 mL	750 mL
Stop Reagent	25 mL	25 mL	55 mL	750 mL
Negative Standard	2 mL	2mL	5 mL	3 x 5 mL

Ultra Sensitive THC

Content	230-0192	230-0480	230-4800
96 Well Plate	2 X	5 X	50 X
Conjugate	2 x 25 mL	2 x 60 mL	1 x 1 L 1 x 500 mL
BSA Buffer	25 mL	60 mL	750 mL
TMB- Substrate	2 x 30 mL	2 x 60 mL	2 x 750 mL
Stop Reagent	25 mL	55 mL	750 mL

Cotinine

Content	217-0096	217-0480
96 Well Plate	1 X	5 X
Conjugate	15 mL	60 mL
TMB- Substrate	30 mL	2 x 30 mL
Stop Reagent	25 mL	55 mL
Positive Standard	2 mL	5 mL
Serum Positive Control	5 X 1 mL	5 X 2 mL
Negative Serum Control	1 mL	2 mL
Negative Standard	2 mL	5 mL

Blood Ethyl Alcohol Assay

Content	501-0500
Reagent A	55 mL
Reagent E	55 mL
Perchloric Acid	400 mL

Acetaminophen

Content	227-0096	227-0480	227-4800
96 Well Plate	1 X	5 X	50 X
Concentrated Conjugate	200 µL	1 mL	8 mL
Conjugate Diluent	20 mL	60 mL	750 mL
TMB- Substrate	30 mL	2 x 30 mL	750 mL
Stop Reagent	25 mL	55 mL	750 mL
Positive Standard	2 mL	5 mL	NA
Negative Standard	2 mL	5 mL	3 x 5 mL

All Oral Fluid ELISA (except those listed below)

Content	XXX-0480	XXX-4800
96 Well Plate	5 X	50 X
Conjugate	60 mL	750 mL
TMB- Substrate	2 x 30 mL	750 mL
Stop Reagent	55 mL	750 mL

Oral Fluid THC

Content	224-0480	224-4800
96 Well Plate	5 X	50 X
THC Pre-Incubation Buffer	25 mL	260 mL
Conjugate	35 mL	375 mL
TMB- Substrate	2 x 30 mL	750 mL
Stop Reagent	55 mL	750 mL
Calibrator and Control Set	4 x 4 mL	10 x 4 mL

Oral Fluid Ethyl Alcohol Assay

Content	502-0500
Reagent A	55 mL
Reagent E	55 mL
Extraction Buffer	20 mL

ELISA Instrumentation

Immunoanalysis and Tecan have a 14 Year Partnership Providing Screening Solutions for the Forensic Field

Manual System

1,000 - 30,000 tests / year

- Tecan Sunrise Reader
- Tecan Columbus or Hydroflex washer

Semi Automated Systems

EVO 75/1 or 75/2

***45,000 - 90,000 tests / year**

- 1 or 2 tip system
- Standalone Tecan washer / reader
- Fixed Teflon coated washable tips

Maximum # of Plates - 9

Maximum # of Assays - 18

Maximum # of Samples - 48

Timing: 2.5 - 3.0 hours

EVO 100/4 or EVO 100/8

> *90,000 tests / year

- 4 or 8 tip system
- Standalone Tecan washer / reader
- Fixed Teflon coated washable tips

Maximum # of Plates - 9

Maximum # of Assays - 18

Maximum # of Samples - 96

Timing: 3.0 - 3.5 hours

EVO 150/8

> *90,000 tests / year

- 8 tip system
- Standalone Tecan washer / reader
- Fixed Teflon coated washable tips

Maximum # of Plates - 12

Maximum # of Assays - 24

Maximum # of Samples - 96

Timing: 3.5 - 4.0 hours

Fully Automated System

EVO 75/2 Workstation

***30,000 - 60,000 tests / year**

- 2 tip system
- Integrated washer / reader
- Robotic Manipulator Arm (ROMA)
- Fixed Teflon coated washable tips

Maximum # of Plates - 6

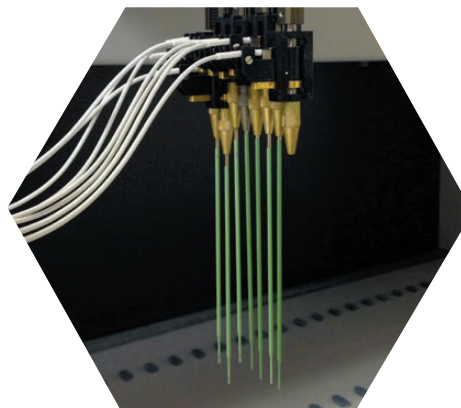
Maximum # of Assays - 12

Maximum # of Samples - 48

Timing: 2.5 - 4.0 hours

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

*Immunoanalysis also offers a variety of refurbished systems;
subject to availability.*





User Friendly – Flexible – Reliable

The **ImmTox™ Benchtop Chemistry Analyzer** has the capacity to run the entire range of Immunoassay assays. ImmTox is an ideal solution for physician offices and treatment centers needing timely, relevant, lab quality results.

- **Throughput:** 240 *dual* reagent tests per hour
- **Patient Sample Capacity:** 40 on board
- **Reagent Capacity:** 24 assays on board
- **Bi-directional** LIS communication
- **Fully traceable** results and quality control data
- **Continuous access** to samples and reagents without interruption of the testing process
- **Reusable cuvettes** – more cost effective

LIS Software

Developed Specifically for the Physician's Office Laboratory and Treatment Centers



- Intuitive user interface
- Easy management of patient records
- Flexibility to generate summary reports for patients and quality control
- EMR integration options



IMMUNALYSIS

Contact Information

Immunalysis Corporation

829 Towne Center Drive
Pomona, CA 91767

Phone: 909.482.0840
Toll Free: 888.664.8378
Fax: 909.482.0850
Email: info@immunalysis.com
www.immunalysis.com

Technical Support

829 Towne Center Drive
Pomona, CA 91767

Phone: 909.482.0840
Fax: 909.482.0850
Email: application@immunalysis.com

Ordering Information

For information or to place an order please contact:

Immunalysis Corporation
829 Towne Center Drive
Pomona, CA 91767
Phone: 888.664.8378 (Toll Free USA and Canada Only)
909.482.0840
Fax: 909.482.0850
Email: order@immunalysis.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:

Immunalysis Corporation
File 57412
Los Angeles, CA 90074-7412

Please Send Wire Transfers to:

Bank of America
Account number 02054-77213
ABA: 026009593 (wires)
ABA: 122000661 (paper)
ABA: 121000358 (electronic)

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 Immunalysis Corporation within 72 hours of delivery. Immunalysis 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 Immunalysis representative.

We are Toxicology.™



Tel 909.482.0840 | Toll Free 888.664.8378 | Fax 909.482.0850
www.immunalysis.com