

Dedication to the drug
screening industry?

We I.V.DO that™



Drugs of Abuse Catalog

Medix Biochemica

Introduction

Drugs of abuse is a broad term used for substances taken for reasons outside of the intended uses. Abuse of these substances often have a high potential to cause emotional, physical and mental harm to individuals, families and communities alike due to the mood- and mind-altering effects and dependencies that sometimes result. Testing for these substances (illegal or prescribed) is performed for several reasons. This may include pre-employment screening, treatment for substance use disorders, screening to ensure compliance in various programs and even assess criminal liability. Various sample types, including blood, urine, saliva, sweat, and hair are used for a range of purposes and advantages. Tetrahydrocannabinol (THC), the major psychoactive ingredient in marijuana, and Ethyl glucuronide (EtG), an ethanol metabolite, are two common analytes tested

by law enforcement or employment agencies to test impairment or long-term use. Other reasons for drugs of abuse testing include medical screening, insurance purposes, and athletic testing among others. Specific analyte testing and broad screening panels are common. Medix Biochemica provides a wide selection of high-quality antigens and antibodies for drugs of abuse testing.

Our optimized, industrial-scale manufacturing procedures, certified batch-to-batch consistency, and expert customer service have made Medix Biochemica an ideal raw material supply partner for assay and test kit manufacturers or other important customers in the in vitro diagnostic industry.

Products

- | | |
|---------------------------------------|--|
| 4 6-Monoacetylmorphine (6-MAM) | 9 Methadone |
| 4 Amphetamine | 10 Methamphetamine |
| 4 Benzodiazepine (Oxazepam) | 10 Methaqualone |
| 5 Benzoylcegonine (Cocaine) | 10 Methcathinone |
| 5 Buprenorphine (BUP) | 10 Methylone |
| 5 Cannabinoids (THC) | 11 Methylphenidate |
| 6 Carisoprodol | 11 Morphine |
| 6 Clonazepam | 11 Oxycodone |
| 6 Cotinine | 12 PCP |
| 6 Ethanol (EtG) | 12 Pinaca |
| 7 Fentanyl | 12 Propoxyphene (PPX) |
| 7 Hydrocodone | 13 Tramadol |
| 8 K2 | 13 Tricyclic Antidepressant (TCA) |
| 8 Ketamine | 13 UR-144 |
| 8 Kratom (Mitragynine) | 14 Zolpidem |
| 9 LSD | 14 Zopiclone |
| 9 MDMA | |
| 9 MDPV | |

Medix Biochemica has defined a set of recommended products to help you choose from our wide offering. These recommendations are based on performance, popularity and availability in bulk volumes.

Recommended products highlighted in bold

 Antibodies  Antigen conjugates

6-Monoacetylmorphine (6-MAM)

Heroin (diacetylmorphine) is metabolized to 6-monoacetylmorphine and morphine. 6-monoacetylmorphine is a unique metabolite of heroin and its presence is definitive evidence of recent heroin use. Morphine is also a metabolite of several legal drugs, including codeine, and therefore is not a conclusive indication of heroin use.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100983	Anti-6-MAM 12705	In vitro
	140041	Anti-6-MAM R12703	In vitro
	HM445	6-Monoacetylmorphine (6-MAM) antibody	In vivo
	HM446	6-Monoacetylmorphine (6-MAM) antibody	In vivo
	HM461	6-Monoacetylmorphine (6-MAM) antibody	In vivo
	HM842	6-Monoacetylmorphine (6-MAM) antibody	In vivo
Polyclonal antibody	JP091	6-Monoacetylmorphine (6-MAM) antibody	In vivo
	JP092	6-Monoacetylmorphine (6-MAM) antibody	In vivo
	JP093	6-Monoacetylmorphine (6-MAM) antibody	In vivo
Antigen conjugates	170031	6-Monoacetylmorphine (6-MAM)-BSA antigen	Synthetic

Amphetamine

Amphetamine is a central nervous system stimulant drug prescribed for the treatment of ADHD and narcolepsy. It is also produced and distributed illegally and may lead to misuse.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	C03-99-72M-P	Amphetamine antibody	In vivo
	HM450	Amphetamine antibody	In vivo
Antigen conjugate	170069	Amphetamine-BSA antigen	Synthetic
	170100	Amphetamine-HRP antigen	Synthetic
	LA001	Amphetamine-BSA (lower haptens) antigen	Synthetic
	LA002	Amphetamine-BSA (higher haptens) antigen	Synthetic
	LA311	Amphetamine-BSA antigen	Synthetic

Benzodiazepine (Oxazepam)

Benzodiazepines are a group of depressant drugs that are used to treat anxiety, insomnia and muscle spasms. Usage may result in physical dependence and overuse.

Product Type	Catalog #	Description	Source/Method
Polyclonal antibody	GN100	Benzodiazepine (oxazepam) antibody	In vivo
Monoclonal antibody	HM237	Benzodiazepine (oxazepam) antibody	In vivo
	HM350	Benzodiazepine (oxazepam) antibody	In vivo
Antigen conjugate	LA003	Benzodiazepine (oxazepam)-BSA antigen	Synthetic
	LA260	Benzodiazepine (oxazepam)-BSA antigen	Synthetic
	LA264	Benzodiazepine (oxazepam)-BSA antigen	Synthetic
	GN508	Benzodiazepine (oxazepam)-BSA antigen	Synthetic

Benzoyllecgonine (Cocaine)

Benzoyllecgonine (BE) is the major metabolite of cocaine. It is used as a biomarker for cocaine consumption.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100890	Benzoyllecgonine (BE) antibody	In vitro
	HM1207	Benzoyllecgonine (BE) antibody	In vivo
	HM777	Benzoyllecgonine (BE) antibody	In vivo
Antigen conjugate	170048	Benzoyllecgonine (BE)-BSA antigen	Synthetic
	LA004	Benzoyllecgonine (BE)-BSA antigen	Synthetic
	LA466	Benzoyllecgonine (BE)-BTG antigen	Synthetic

Buprenorphine (BUP)

Buprenorphine is a synthetic opioid partial agonist used to treat opioid use disorder.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100919	Buprenorphine (BUP) antibody	In vitro
	HM376	Buprenorphine (BUP) antibody	In vivo
	HM377	Buprenorphine (BUP) antibody	In vivo
Polyclonal antibody	PP223IF	Buprenorphine (BUP) antibody	In vivo
Antigen conjugate	LA283	Buprenorphine (BUP)-BSA antigen	Synthetic
	LA284	Buprenorphine (BUP)-BSA antigen	Synthetic
	LA463	Buprenorphine (BUP)-BSA antigen	Synthetic



Cannabinoids (THC)

Tetrahydrocannabinol (THC) is the major psychoactive component of cannabis.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100892	Cannabinoid (THC) antibody	In vitro
	100893	Cannabinoid (delta-9-THC) antibody	In vitro
	100894	Cannabinoid (THC) antibody	In vitro
	HM1062	Cannabinoid (THC) antibody	In vivo
Polyclonal antibody	PP123IF	Cannabinoid (THC) antibody	In vivo
	PP124IF	Cannabinoid (THC) antibody	In vivo
	PP256IF	Cannabinoid (THC) antibody	In vivo
Antigen conjugate	170044	Cannabinoid (THC)-BSA antigen	Synthetic
	LA020	Cannabinoid (THC)-delta 8 BSA antigen	Synthetic
	LA021	Cannabinoid (THC)-delta 9 BSA antigen	Synthetic
	LA581	Cannabinoid (THC)-BSA antigen	Synthetic



Carisoprodol

Carisoprodol is a muscle relaxant used to treat skeletal muscle pain and injury.

Product Type	Catalog #	Description	Source/Method
Polyclonal antibody	 P02-99-72R-IF	Carisoprodol (soma) antibody	In vivo
	P02-99-73R-IF	Carisoprodol (soma) antibody	In vivo
Antigen conjugate	 170046	Carisoprodol (soma)-BSA antigen	Synthetic
	LA648	Carisoprodol (soma)-BSA antigen	Synthetic



Clonazepam

Clonazepam is a benzodiazepine that may be used for the treatment of panic and seizure disorders.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100912	Clonazepam antibody	In vitro
	HM003	Clonazepam antibody	In vivo
Antigen conjugate	 170064	Clonazepam-BSA antigen	Synthetic
	LA006	Clonazepam-BSA antigen	Synthetic



Cotinine

Cotinine is a major metabolite of nicotine and is used as a biomarker for tobacco usage.

Product Type	Catalog #	Description	Source/Method	
Polyclonal antibody		PP192IF	Cotinine-3 antibody	In vivo
		PP193IF	Cotinine-3 antibody	In vivo
		PP194IF	Cotinine-4 antibody	In vivo
		PP198IF	Cotinine-4 antibody	In vivo
Antigen conjugate		170047	Cotinine-4-BSA antigen	Synthetic
		170049	Cotinine-4-HRP antigen	Synthetic
		LA386	Cotinine-BSA antigen	Synthetic
		LA539	Cotinine-BSA antigen	Synthetic




Ethanol (EtG)

Ethyl glucuronide (EtG) is a metabolite of ethanol. It is used as a biomarker for alcohol consumption.

Product Type	Catalog #	Description	Source/Method	
Monoclonal antibody	 140052	Anti-EtG R12403 SPTNZ-1	In vitro	
Antigen conjugate		LA007	Ethyl glucuronide (EtG)-BSA antigen	Synthetic
		LA189	Ethyl glucuronide (EtG)-BSA antigen	Synthetic
		LA299	Ethyl glucuronide (EtG)-BSA antigen	Synthetic




Fentanyl

Fentanyl is a synthetic opioid with 50–100 times the potency of morphine. It is used to treat severe pain. Fentanyl may be illicitly produced and mixed with other illegal drugs increasing the abuse and overdose risks.

Product Type	Catalog #	Description	Source/Method	
Monoclonal antibody		100974	Anti-Fentanyl 13102 SPTN-5	In vitro
		100998	Anti-Fentanyl 13101 SPTN-5	In vitro
		100999	Anti-Fentanyl 13103 SPTN-5	In vitro
		HM004	Fentanyl antibody	In vivo
		HM1132	Fentanyl antibody	In vivo
		HM1133	Fentanyl antibody	In vivo
		HM628	Fentanyl antibody	In vivo
Polyclonal antibody		P01-99-53R-IF	Fentanyl antibody	In vivo
		P01-99-54R-IF	Fentanyl antibody	In vivo
		P01-99-55R-IF	Fentanyl antibody	In vivo
Antigen conjugate		170040	Fentanyl-BSA antigen	Synthetic
		LA008	Fentanyl-BSA antigen	Synthetic
		LA395	Fentanyl-BSA antigen	Synthetic
		LA540	Fentanyl-BSA antigen	Synthetic
		LA556	Fentanyl-BSA antigen	Synthetic




Hydrocodone

Hydrocodone is a semi-synthetic opioid frequently prescribed for pain management.

Product Type	Catalog #	Description	Source/Method	
Monoclonal antibody		HM1035	Hydrocodone antibody	In vivo
		HM1036	Hydrocodone antibody	In vivo
		HM1037	Hydrocodone antibody	In vivo
		HM1038	Hydrocodone antibody	In vivo
		HM1039	Hydrocodone antibody	In vivo
Polyclonal antibody		JP101	Hydrocodone antibody	In vivo
		JP102	Hydrocodone antibody	In vivo
Antigen conjugate	 170054	Hydrocodone-BSA antigen	Synthetic	






K2

K2 is a synthetic cannabinoid. Adverse health effects after consumption include seizures, hallucinations, anxiety are possible.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 HM005	K2 antibody	In vivo
	JP098	K2 antibody	In vivo
Polyclonal antibody	 JP099	K2 antibody	In vivo
	JP100	K2 antibody	In vivo
Antigen conjugate	 170082	K2-BSA antigen	Synthetic
	LA009	K2-BSA antigen	Synthetic
	LA541	K2-BSA antigen	Synthetic

Ketamine

Ketamine is a dissociative drug and anesthetic with hallucinogenic properties.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100902	Ketamine antibody	In vitro
	 HM006	Ketamine antibody	In vivo
	HM390	Ketamine antibody	In vivo
	HM391	Ketamine antibody	In vivo
Polyclonal antibody	 PP211IF	Ketamine antibody	In vivo
Antigen conjugate	 170037	Ketamine-BSA antigen	Synthetic
	 170060	Ketamine-BSA antigen	Synthetic
	170065	Ketamine-HRP antigen	Synthetic
	LA010	Ketamine-BSA antigen	Synthetic
	LA280	Ketamine-BSA antigen	Synthetic






Kratom (Mitragnine)

Kratom is produced from leaves of a Southeast Asian tree. Consumption may produce opioid and stimulant effects.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 HM1102	Kratom (mitragynine) antibody	In vivo
	HM826	Kratom (mitragynine) antibody	In vivo
	 HM827	Kratom (mitragynine) antibody	In vivo
	HM828	Kratom (mitragynine) antibody	In vivo
	HM829	Kratom (mitragynine) antibody	In vivo
Antigen conjugate	 LA645	Kratom (mitragynine) antigen	Synthetic
	LA647	Kratom (mitragynine) antigen	Synthetic
	 LA653	Kratom (mitragynine) antigen	Synthetic


LSD

Lysergic acid diethylamide (LSD) is a semi-synthetic hallucinogen. The effects of LSD are unpredictable and may lead to negative outcomes.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 140027	Anti-LSD R12301 SPTN-5	In vitro
	 100911	Lysergic acid diethylamide (LSD) antibody	In vitro
	 HM1045	Lysergic acid diethylamide (LSD) antibody	In vivo
	HM1201	Lysergic acid diethylamide (LSD) antibody	In vivo
Antigen conjugate	 LA434	Lysergic acid diethylamide (LSD)- BSA antigen	Synthetic
	 LA783	Lysergic acid diethylamide (LSD)- BSA antigen	Synthetic

MDMA

MDMA is a synthetic drug with stimulant and occasionally hallucinogenic effects. There is no accepted medical use and a high potential for misuse.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100906	MDMA antibody	In vitro
	HM869	MDMA antibody	In vivo



MDPV

MDPV is a synthetic stimulant and hallucinogenic drug with no approved medical use. It may be found in products identified as bath salts.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 HM457	MDPV antibody	In vivo
Antigen conjugate	 LA011	MDPV-BSA antigen	Synthetic

Methadone

Methadone is a synthetic opioid agonist used to treat opioid use disorder.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100891	Methadone antibody	In vitro
	HM384	Methadone antibody	In vivo
Antigen conjugate	 LA279	Methadone-BSA antigen	Synthetic
	LA544	Methadone-BSA antigen	Synthetic

Methamphetamine

Methamphetamine is a highly addictive stimulant synthetic drug. Misuse typically leads to serious negative effects including insomnia, loss of appetite, psychosis and death.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	C03-99-31M-P	Methamphetamine antibody	In vivo
	HM008	Methamphetamine antibody	In vivo
	HM1268	Methamphetamine antibody	In vivo
	HM165	Methamphetamine antibody	In vivo
Antigen conjugate	LA013	Methamphetamine-BSA (lower haptens) antigen	Synthetic
	LA014	Methamphetamine-BSA (higher haptens) antigen	Synthetic
	LA201	Methamphetamine-BSA antigen	Synthetic
	LA217	Methamphetamine-BSA antigen	Synthetic
	LA469	Methamphetamine-BTG antigen	Synthetic

Methaqualone

Methaqualone is a synthetic hypnotic sedative drug with potential for misuse especially if combined with other drugs.

Product Type	Catalog #	Description	Source/Method
Polyclonal antibody	P02-99-81R-IF	Methaqualone antibody	In vivo
	P02-99-82R-IF	Methaqualone antibody	In vivo
	P02-99-83R-IF	Methaqualone antibody	In vivo
Antigen conjugate	170072	Methaqualone-BSA antigen	Synthetic

Methcathinone

Methcathinone is synthetic drug structurally similar to methamphetamine. Consumption produces similar adverse effects.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	HM299	Methcathinone antibody	In vivo
	HM300	Methcathinone antibody	In vivo
Antigen conjugate	LA267	Methcathinone-BSA antigen	Synthetic

Methylone

Methylone is a synthetic analog of MDMA with stimulant effects with no known medical use. It may be found in products identified as bath salts.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	HM1067	Methylone antibody	In vivo
Antigen conjugate	LA608	Methylone-BSA antigen	Synthetic

Methylphenidate

Methylphenidate is a central nervous system stimulant drug used to treat Attention Deficient Hyperactivity Disorder (ADHD) and narcolepsy. Abuse risk increases when administered in excessive doses and via intravenous and intranasal routes.

Product Type	Catalog #	Description	Source/Method
Polyclonal antibody	P03-99-01R-IF	Methylphenidate antibody	In vivo
	P03-99-02R-IF	Methylphenidate antibody	In vivo
	P03-99-03R-IF	Methylphenidate antibody	In vivo
Antigen conjugate	170039	Methylphenidate-BSA antigen	Synthetic

Morphine

Morphine is a non-synthetic opioid drug derived from opium. It is used to treat pain and has high potential for misuse.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100897	Morphine antibody	In vitro
	100920	Morphine antibody	In vitro
	HM139	Morphine antibody	In vivo
	HM385	Morphine antibody	In vivo
Antigen conjugate	170036	Morphine-BSA antigen	Synthetic
	LA016	Morphine-BSA (higher haptens) antigen	Synthetic
	LA281	Morphine-BSA antigen	Synthetic



Oxycodone

Oxycodone is a semi-synthetic opioid drug frequently used to treat pain. Due to its wide availability, it has a high potential for misuse.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	100899	Oxycodone antibody	In vitro
	HM343	Oxycodone antibody	In vivo
Polyclonal antibody	PP189IF	Oxycodone antibody	In vivo
Antigen conjugate	LA017	Oxycodone-BSA antigen	Synthetic
	LA266	Oxycodone-BSA antigen	Synthetic



PCP

Phencyclidine is a dissociative anesthetic that may cause hallucinations and violent behavior.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100900	Phencyclidine (PCP) antibody	In vitro
	100934	Phencyclidine (PCP) antibody	In vitro
	HM927	Phencyclidine (PCP) antibody	In vivo
	HM928	Phencyclidine (PCP) antibody	In vivo
	HM929	Phencyclidine (PCP) antibody	In vivo
	HM930	Phencyclidine (PCP) antibody	In vivo
Antigen conjugate	 LA018	Phencyclidine (PCP)-BSA antigen	Synthetic
	LA502	Phencyclidine (PCP)-BSA antigen	Synthetic
	170090	Phencyclidine (PCP)-HRP antigen	Synthetic



Pinaca

Pinaca is a synthetic cannabinoid with potential for severe adverse effects.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	HM548	Pinaca antibody	In vivo
	 HM594	Pinaca antibody	In vivo
	HM614	Pinaca antibody	In vivo
	HM615	Pinaca antibody	In vivo
	HM616	Pinaca antibody	In vivo
Antigen conjugate	 LA366	Pinaca-BSA antigen	Synthetic
	LA384	Pinaca-BSA antigen	Synthetic



Propoxyphene (PPX)

Propoxyphene is an opioid used to treat pain.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100895	Propoxyphene (PPX) antibody	In vitro
Antigen conjugate	 170032	Propoxyphene (PPX)-BSA antigen	Synthetic
	LA019	Propoxyphene (PPX)-BSA antigen	Synthetic




Tramadol

Tramadol is a synthetic opioid drug used to control pain.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100901	Tramadol antibody	In vitro
	HM342	Tramadol antibody	In vivo
Antigen conjugate	 170038	Tramadol-BSA antigen	Synthetic



Tricyclic Antidepressant (TCA)

Tricyclic antidepressants are a class of medications used primarily for the treatment of depression and other mood disorders.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 100896	Tricyclic antidepressant (TCA) antibody	In vitro
	HM336	Tricyclic antidepressant (TCA) antibody	In vivo
Polyclonal antibody	 PP141IF	Tricyclic antidepressant (TCA) antibody	In vivo
	PP142IF	Tricyclic antidepressant (TCA) antibody	In vivo
Antigen conjugate	 170030	Tricyclic antidepressant (TCA)-BSA antigen	Synthetic
	LA272	Tricyclic antidepressant (TCA)-BSA antigen	Synthetic
	LA300	Tricyclic antidepressant (TCA)-BSA antigen	Synthetic
	LA545	Tricyclic antidepressant (TCA)-BSA antigen	Synthetic

UR-144

UR-144 is a synthetic cannabinoid with potential for severe adverse effects.

Product Type	Catalog #	Description	Source/Method
Monoclonal antibody	 HM595	UR-144 antibody	In vivo
	HM596	UR-144 metabolite antibody	In vivo
Antigen conjugate	 LA385	UR-144-BSA antigen	Synthetic

Medix Biochemica

Klovinpellontie 3, FI-02180 Espoo, Finland
medix@medixbiochemica.com



Ordering and product information:
medixbiochemica.com