

Dedication to the drug
screening industry?

We I.V.D.O that TM



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 of causing harm emotionally, physically and mentally on 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 on individuals for several reasons. This may include treatment for substance use disorders, screening to ensure compliance in various programs and even assess criminal liability, among others. 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 intoxication or long-term use. Other causes 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.



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Product	Concentration mg/mL *	Catalog number
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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.

SYNTHETIC ANTIGENS		
6-Monoacetylmorphine (6-MAM)-BSA Antigen		170031 <small>NEW</small>

Amphetamine

Amphetamine is a central nervous system stimulant drug used to treat ADHD and narcolepsy.

SYNTHETIC ANTIGENS		
Amphetamine-HRP Antigen		170035 <small>NEW</small>

Benzoylcegonine (BE)

Benzoylcegonine (BE) is the main metabolite of cocaine.

MONOCLONAL ANTIBODIES		
Benzoylcegonine (BE) Antibody		100890 <small>NEW</small>

Carisoprodol (Soma)

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

SYNTHETIC ANTIGENS		
Carisoprodol (Soma)-BSA Antigen		170046 <small>NEW</small>

Clonazepam

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

SYNTHETIC ANTIGEN		
Clonazepam-BSA Antigen		170064 <small>NEW</small>

Product	Concentration mg/mL *	Catalog number
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Ethyl glucuronide (EtG)

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

MONOCLONAL ANTIBODY		
EtG R12401		140021 <small>NEW</small>

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.

SYNTHETIC ANTIGEN		
Fentanyl-BSA Antigen		170040 <small>NEW</small>

Ketamine

Ketamine is a dissociative drug and anesthetic with hallucinogenic properties.

MONOCLONAL ANTIBODIES		
Ketamine Antibody		100902 <small>NEW</small>

SYNTHETIC ANTIGEN		
Ketamine-BSA Antigen		170037 <small>NEW</small>

Lysergic acid diethylamide (LSD)

Lysergic acid diethylamide (LSD) is a semi-synthetic hallucinogen.

MONOCLONAL ANTIBODIES		
LSD R12301		TBD <small>UPCOMING</small>

Methadone

Methadone is a synthetic opioid agonist.

MONOCLONAL ANTIBODIES		
Methadone Antibody		100891 <small>NEW</small>

Product	Concentration mg/mL *	Catalog number
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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	Concentration mg/mL *	Catalog number
SYNTHETIC ANTIGENS Methylphenidate-BSA Antigen		170039 <small>NEW</small>

Morphine

Morphine is a non-synthetic opioid drug used to treat pain.

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODIES Morphine Antibody		100897 <small>NEW</small>
SYNTHETIC ANTIGEN Morphine-BSA Antigen		170036 <small>NEW</small>

Oxycodone

Oxycodone is a semi-synthetic opioid drug used to treat pain.

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODIES Oxycodone Antibody		100899 <small>NEW</small>

Phencyclidine (PCP)

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

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODIES Phencyclidine (PCP) Antibody		100900 <small>NEW</small>

Propoxyphene (PPX)

Propoxyphene is an opioid used to treat pain.

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODIES Propoxyphene (PPX) Antibody		100895 <small>NEW</small>
Propoxyphene (PPX)-BSA Antigen		170032 <small>NEW</small>

Product	Concentration mg/mL *	Catalog number
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Tramadol

Tramadol is a synthetic opioid drug used to treat pain.

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODY Tramadol Antibody		100901 <small>NEW</small>
SYNTHETIC ANTIGEN Tramadol-BSA Antigen		170038 <small>NEW</small>

Tricyclic Antidepressant (TCA)

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

Product	Concentration mg/mL *	Catalog number
MONOCLONAL ANTIBODIES Tricyclic Anti-depressant (TCA) Antibody		100896 <small>NEW</small>
SYNTHETIC ANTIGEN Tricyclic Anti-depressant (TCA)-BSA Antigen		170030 <small>NEW</small>

Zolpidem

Zolpidem is a central nervous system depressant drug causing drowsiness, sedation and decreased psychomotor function. Zolpidem is used to treat insomnia and may result in next-day impairment.

Product	Concentration mg/mL *	Catalog number
SYNTHETIC ANTIGEN Zolpidem-BSA Antigen		170041 <small>NEW</small>

Product Source Applications Matched pairs Catalog number

Amphetamine

MONOCLONAL ANTIBODY

Amphetamine Antibody	Mouse	ELISA, Lateral Flow	P91-99-71H (detection) or 170069 (capture-Espoo)	C03-99-72M-P
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ANTIGEN

Amphetamine-HRP Antigen		ELISA	C03-99-72M-P (detection)	P91-99-71H
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Benzodiazepine (Oxazepam)

POLYCLONAL ANTIBODY

Benzodiazepine (Oxazepam) Antibody	Sheep	Lateral Flow	GN508 (capture)	GN100
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ANTIGEN

Benzodiazepine (Oxazepam)-BSA Antigen		Lateral Flow	GN100 (detection)	GN508
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Benzoyllecgonine (BE)

ANTIGEN

Benzoyllecgonine (BE)-BSA Antigen		Lateral Flow	HM297 (detection)	LA004
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Buprenorphine (BUP)

ANTIGEN

Buprenorphine (BUP)-BSA Antigen		ELISA, Lateral Flow	HM376 or HM377 (detection)	LA283
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Cannabinoid (THC)

POLYCLONAL ANTIBODY

Cannabinoid (THC) Antibody	Sheep	ELISA, Lateral Flow	LA020 (capture)	PP124IF
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Product Source Applications Matched pairs Catalog number

Carisoprodol (Soma)

POLYCLONAL ANTIBODY

Carisoprodol (Soma) Antibody	Rabbit	ELISA	LA648 (capture) or 170046 (capture-Espoo)	P02-99-72R-IF
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EDDP-BSA

ANTIGEN

EDDP-BSA Antigen		ELISA, Lateral Flow	HM381 (detection)	LA282
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Ethyl glucuronide (EtG)

ANTIGEN

Ethyl glucuronide (EtG)-BSA Antigen		ELISA, Lateral Flow	R12401/cat # 140021 (detection-Espoo)	LA189
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Fentanyl

POLYCLONAL ANTIBODY

Fentanyl Antibody	Rabbit	ELISA	170040 (capture-Espoo) or P91-99-51H (detection)	P01-99-53R-IF
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MONOCLONAL ANTIBODY

Fentanyl Antibody	Mouse	Lateral Flow	LA008 (capture)	HM004
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ANTIGEN

Fentanyl-BSA Antigen		Lateral Flow	HM004 (detection)	LA008
Fentanyl-BSA Antigen		ELISA, Lateral Flow	HM628 (detection)	LA395

Hydrocodone

POLYCLONAL ANTIBODY

Hydrocodone Antibody	Rabbit	ELISA, Lateral Flow	170054 (capture-Espoo)	JP101
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Product	Source	Applications	Matched pairs	Catalog number
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K2

POLYCLONAL ANTIBODY

K2 Antibody	Rabbit	ELISA, Lateral Flow	170082 (capture-Espoo)	JP099
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MONOCLONAL ANTIBODY

K2 Antibody	Mouse	Lateral Flow	LA009 (capture)	HM005
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Ketamine

POLYCLONAL ANTIBODY

Ketamine Antibody	Rabbit	ELISA	170037 (capture-Espoo)	PP211IF
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MONOCLONAL ANTIBODY

Ketamine Antibody	Mouse	ELISA, Lateral Flow	LA280 (capture)	HM390
Ketamine Antibody	Mouse	Lateral Flow	LA010 (capture)	HM006

ANTIGEN

Ketamine-BSA Antigen		ELISA, Lateral Flow	HM390 or HM391 (detection)	LA280
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Kratom (Mitragynine)

MONOCLONAL ANTIBODY

Kratom (Mitragynine) Antibody	Mouse	ELISA, Lateral Flow		HM827
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ANTIGEN

Kratom (Mitragynine) Antigen		ELISA, Lateral Flow	HM1102 (detection)	LA653
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Lysergic acid diethylamide (LSD)

ANTIGEN

Lysergic acid diethylamide (LSD)- BSA Antigen		ELISA, Lateral Flow	HM1201 (detection)	LA783
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Product	Source	Applications	Matched pairs	Catalog number
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MDPV

MONOCLONAL ANTIBODY

MDPV Antibody	Mouse	ELISA, Lateral Flow	LA011 (capture)	HM457
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ANTIGEN

MDPV-BSA Antigen		Lateral Flow	HM457 (detection)	LA011
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Methamphetamine

MONOCLONAL ANTIBODY

Methamphetamine Antibody	Mouse	Lateral Flow	P81-99-31A (capture) or P91-99-31H (detection)	C03-99-31M-P
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Methamphetamine Antibody	Mouse	Lateral Flow	LA201 (capture)	HM165
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Methcathinone Antibody	Mouse	ELISA		HM300
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ANTIGEN

Methamphetamine-BSA Antigen		Lateral Flow	HM165 (detection)	LA201
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Methcathinone

MONOCLONAL ANTIBODY

Methcathinone Antibody	Mouse	ELISA		HM300
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ANTIGEN

Methcathinone-BSA Antigen		Lateral Flow		LA267
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Methylphenidate

POLYCLONAL ANTIBODY

Methylphenidate Antibody	Rabbit	ELISA	170039 (capture-Espoo)	P03-99-02R-IF
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Product	Source	Applications	Matched pairs	Catalog number
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6-Monoacetylmorphine (6-MAM)

POLYCLONAL ANTIBODY

6-Monoacetylmorphine (6-MAM) Antibody	Rabbit	ELISA, Lateral Flow	170031 (Espoo-capture)	JP092
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MONOCLONAL ANTIBODY

6-Monoacetylmorphine (6-MAM) Antibody	Mouse	ELISA, Lateral Flow	170031 (Espoo-capture)	HM446
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Pinaca

MONOCLONAL ANTIBODY

Pinaca Antibody	Mouse	ELISA, Lateral Flow	LA366 (capture)	HM548
Pinaca Antibody	Mouse	ELISA, Lateral Flow	LA384 (capture)	HM594

ANTIGEN

Pinaca-BSA Antigen		ELISA, Lateral Flow	HM548, HM614, HM615 or HM616 (detection)	LA366
Pinaca-BSA Antigen		ELISA, Lateral Flow	HM594 (detection)	LA384

Tricyclic Antidepressant (TCA)

POLYCLONAL ANTIBODY

Tricyclic Antidepressant (TCA) Antibody	Sheep	ELISA		PP141IF
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UR-144

MONOCLONAL ANTIBODY

UR-144 Antibody	Mouse	ELISA, Lateral Flow	LA385 (capture)	HM595
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ANTIGEN

UR-144-BSA Antigen		ELISA, Lateral Flow		LA385
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Zopiclone

ANTIGEN

Zopiclone-BSA Antigen		ELISA, Lateral Flow	HM310 (detection)	LA269
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POLYCLONAL ANTIBODY

Zolpidem Antibody	Rabbit	ELISA, Lateral Flow	170041 (capture-Espoo)	JP047
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Medix Biochemica Group

Medix Biochemica is a global, market-leading supplier of critical raw materials to the *in vitro* diagnostics (IVD) industry. Our mission is to enable IVD customers to deliver accurate results to billions of patients worldwide. By working in partnership with Medix Biochemica, IVD manufacturers can reduce their time to market through our industry-leading expertise which increases efficiencies and builds quality into their tests. We achieve this through our deep scientific know-how combined with the broadest and most relevant raw material portfolio and our relentless focus on quality.

Medix Biochemica Group employs more than 260 professionals worldwide. With headquarters in Finland, we serve our worldwide customers through our local teams in the US, Europe, and Asia. www.medixbiochemica.com

Close to our global customers

We serve our global customers from our sites in Finland, the USA, France, Germany and China.



The first-choice partner

- Focusing on IVD manufacturers' needs
- Capability to support customers across the globe
- Focus on new product development based on customer needs
- Efficient and scalable manufacturing capabilities



Widest portfolio

- Monoclonal antibodies
- Antigens for immunoassay materials
- Molecular diagnostics reagents
- Enzymes for clinical chemistry controls
- Biochemicals and biologicals



Highest quality

- ISO 13485 & FDA QSR compliance
- Batch to batch consistency
- Scalable production capability from milligrams to kilograms

Our values



We care

We put the customer first; we care for the people and the world around us.



We dare

We are ambitious and innovative; we take risks and dare to win with our customers.



We deliver

We commit to our customers and keep our promises.

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