



Monoclonal Antibodies
Antigens
&
HeteroBlock[®]

Product Catalog Effective July 2022

960 TECHNOLOGY BLVD • BOZEMAN, MT 59718 • PHONE: 406-586-3790 • FAX: 406-586-3792
www.omegabiochemicals.com

DRUGS OF ABUSE

Catalog #	Mouse Anti-	Form	Price
100-11-001	Amphetamine	Purified	\$150/mg
100-11-003	Amphetamine	Purified	\$150/mg
100-11-031	Barbiturate	Purified	\$150/mg
100-11-061	Benzodiazepine	Purified	\$150/mg
100-11-091	Benzoylecgonine	Purified	\$150/mg
100-11-093	Benzoylecgonine	Purified	\$150/mg
100-11-095	Benzoylecgonine	Purified	\$150/mg
100-11-121	LSD	Purified	\$150/mg
100-11-151	Methadone	Purified	\$150/mg
100-11-181	Methamphetamine	Purified	\$150/mg
100-11-183	Methamphetamine	Purified	\$150/mg
100-11-211	Morphine	Purified	\$150/mg
100-11-241	Nandrolone	Purified	\$150/mg
100-11-271	Nandrolone	Purified	\$150/mg
100-11-301	Phencyclidine (PCP)	Purified	\$150/mg
100-11-331	Propoxyphene (PPX)	Purified	\$150/mg
100-11-391	THC	Purified	\$150/mg
100-11-393	THC	Purified	\$150/mg
100-11-395	THC	Purified	\$150/mg

THERAPEUTIC DRUGS

Catalog #	Mouse Anti-	Form	Price
100-21-001	Amikacin	Purified	\$125/mg
100-21-031	Carbamazepine	Purified	\$125/mg
100-21-061	Gentamicin	Purified	\$125/mg
100-21-091	Gentamicin	Purified	\$125/mg
100-21-121	NAPA	Purified	\$125/mg
100-21-136	Phenobarbital	Purified	\$125/mg
100-21-138	Phenobarbital	Purified	\$125/mg
100-21-151	Phenytoin	Purified	\$125/mg
100-21-181	Phenytoin	Purified	\$125/mg
100-21-211	Procainamide	Purified	\$125/mg
100-21-241	Procainamide	Purified	\$125/mg
100-21-273	Quinidine	Purified	\$125/mg
100-21-301	Quinidine	Purified	\$125/mg
100-21-331	Theophylline	Ascites	\$100/mL
100-21-361	Thyroxine	Purified	\$125/mg
100-21-391	Valproic Acid	Purified	\$125/mg
100-21-421	Valproic Acid	Purified	\$125/mg
100-21-451	Vancomycin	Ascites	\$100/mL

HUMAN SERUM/TISSUE PROTEINS

Catalog #	Mouse Anti-	Form	Price
100-31-001	Amylase	Purified	\$125/mg
100-31-031	β-2-Microglobulin	Purified	\$150/mg
100-31-061	CK-B	Purified	\$150/mg
100-31-091	CK-MB	Purified	\$150/mg
100-31-121	CK-MB	Purified	\$150/mg
100-31-151	CK-MB isoform 2	Purified	\$150/mg
100-31-181	CK-MM	Purified	\$150/mg
100-31-211	CK-MM	Purified	\$150/mg
100-31-241	CK-MM	Purified	\$150/mg
100-31-271	CK-MM	Purified	\$150/mg
100-31-301	CK-MM	Purified	\$150/mg
100-31-325	IgE	Purified	\$125/mg
100-31-331	IgG	Purified	\$125/mg
100-31-361	IgM	Purified	\$125/mg
100-31-391	LD-1	Purified	\$150/mg
100-31-421	Myosin LC 1	Purified	\$150/mg
100-31-451	Myosin LC 1	Purified	\$150/mg

INFECTIOUS DISEASE

Catalog #	Mouse Anti-	Form	Price
100-41-001	Hepatitis A Virus	Purified	\$150/mg
100-41-051	Hepatitis Bs Ag	Purified	\$125/mg
100-41-101	Hepatitis Bs Ag	Purified	\$125/mg
100-41-151	HIV-1, gp41	Purified	\$150/mg

CANCER MARKERS

Catalog #	Mouse Anti-	Form	Price
100-51-001	CEA	Purified	\$150/mg
100-51-051	NSE	Purified	\$150/mg
100-51-101	PSA	Purified	\$150/mg

MURINE CYTOKINES

Catalog #	Rat Anti-	Form	Price
100-55-025	murine IFN-gamma	Purified	\$150/mg
100-55-050	murine IL-2	Purified	\$150/mg
100-55-070	murine IL-4	Purified	\$150/mg
100-55-080	murine IL-5	Purified	\$150/mg

CYTOKINES & FACTORS

Catalog #	Mouse Anti-	Form	Price
100-61-001	human IFN- α -2	Purified	\$150/mg
100-61-025	human EGF receptor	Purified	\$150/mg

CD MARKERS

Catalog #	Mouse Anti-	Form	Price
100-71-008	human CD8	Purified	\$150/mg
100-71-051	human CD51	Purified	\$150/mg

BSA CONJUGATES

Catalog #	Hapten-BSA	Price
300-11-001	Amphetamine	\$125/mg
300-11-003	Amphetamine	\$125/mg
300-11-005	Amphetamine (saliva)	\$125/mg
300-11-031	Barbital	\$125/mg
300-11-061	Benzodiazepine	\$125/mg
300-11-062	Benzodiazepine	\$125/mg
300-11-063	Benzodiazepine (saliva)	\$125/mg
300-11-095	Benzoyllecgonine	\$125/mg
300-11-097	Benzoyllecgonine	\$125/mg
300-11-099	Benzoyllecgonine (saliva)	\$125/mg
300-11-151	Methadone	\$125/mg
300-11-183	Methamphetamine	\$125/mg
300-11-185	Methamphetamine (saliva)	\$125/mg
300-11-212	Morphine	\$125/mg
300-11-213	Morphine (saliva)	\$125/mg
300-11-215	Morphine	\$125/mg
300-11-301	Phencyclidine (PCP)	\$125/mg
300-11-303	Phencyclidine (PCP)	\$125/mg
300-11-331	Propoxyphene (PPX)	\$125/mg
300-11-333	Propoxyphene (PPX)	\$125/mg
300-11-391	THC	\$125/mg
300-11-421	TCA	\$125/mg
300-11-431	MDMA	\$125/mg
300-21-451	Vancomycin	\$250/mg

BSA CONJUGATE MATCHED PAIRS

Analyte	Antibody Catalog #	Antigen Catalog #
Amphetamine	100-11-001	300-11-001
	100-11-003	300-11-003
		300-11-005
Barbiturate	100-11-031	300-11-031
Benzodiazepine	100-11-061	300-11-061
		300-11-062
		300-11-063
Benzoyllecgonine	100-11-091	300-11-095
	100-11-093	300-11-099
	100-11-095	
Methadone	100-11-151	300-11-151
Methamphetamine	100-11-183	300-11-183
		300-11-185
Morphine	100-11-211	300-11-212
		300-11-213
		300-11-215
Phencyclidine (PCP)	100-11-301	300-11-301
		300-11-303
Propoxyphene (PPX)	100-11-331	300-11-331
		300-11-333
THC	100-11-391	300-11-391
	100-11-395	
Vancomycin	100-21-451	300-21-451

ANTIBODY MATCHED PAIRS

Analyte	Capture Antibody Catalog #	Detection Antibody Catalog #
Creatine Kinase MB	100-31-091	100-31-061
Creatine Kinase MM	100-31-241	100-31-151 100-31-271
Creatine Kinase MM	100-31-271	100-31-151 100-31-181 100-31-241

HETEROBLOCK[®]

Two site sandwich immunoassays can suffer from false positive results caused by heterophilic antibody interference. Heterophilic antibodies give rise to a false positive signal by bridging the capture and detection antibodies. Conventional blockers (e.g., mouse serum, mouse IgG, goat serum, goat IgG, and others) can eliminate some but not all of the interference. Heterophilic antibody interference which is not eliminated by conventional blockers is largely ignored.

HeteroBlock[®] is designed to pick up where conventional blockers leave off. HeteroBlock[®] contains active and passive blocking agents. The active agents have a high affinity for heterophilic antibodies. Thus, HeteroBlock[®] may reduce the incidence of false positive results.

HeteroBlock[®] is typically formulated into the sample diluent at various concentrations to establish the working concentration for each antibody pair. HeteroBlock[®] offers the following advantages:

- ☺ Contains specific and non-specific blockers
- ☺ Contains active and passive agents
- ☺ Composed of purified protein from animal sources
- ☺ Blocks false positives
- ☺ No effect on true positives
- ☺ Proven across multiple platforms
- ☺ Yields a stable assay signal
- ☺ µg quantities are used to block

HeteroBlock[®] was used to eliminate a false positive signal under the following conditions:

Human Serum, Lot 8507, CRP Negative	HeteroBlock [®] at 500 µg/mL	Goat Anti-Human CRP Coated Latex Particles	Agglutination Result
50 µL	0 µL	50 µL	+2,3
50 µL	1 µL	50 µL	+2
50 µL	2 µL	50 µL	+2
50 µL	3 µL	50 µL	+1
50 µL	4 µL	50 µL	+1
50 µL	5 µL	50 µL	Negative

HETEROBLOCK[®]

Application:	HeteroBlock [®] is an active blocking reagent that can eliminate interference caused by heterophilic antibodies in two-site sandwich immunoassays.
Use:	To establish parameters for each antibody pair, add increasing quantities (2, 4, 8, 16, 32, and so on μ g) of HeteroBlock [®] to the sample diluent. Then dilute the patient sample, incubate, and run the assay.
Catalog Number:	500-11-001
Package Size:	5 mg/vial
Price:	\$25/mg
Form:	Purified protein from animal sources
Purity:	>98% by SDS-PAGE
Buffer:	Phosphate buffered saline, pH 7.2
Stabilizer:	None
Preservative:	None
Concentration:	5 - 10 mg/mL
Long-Term Storage:	Frozen
Short-Term Storage:	Refrigerate
Shipping Temp:	Ambient



ORDERING INFORMATION

Orders

Omega Biologicals, Inc. accepts orders by phone, e-mail, or fax when a purchase order number is supplied.

Omega Biologicals, Inc.
960 Technology Blvd, Ste 8
Bozeman, MT 59718-6850
Phone: (406) 586-3790
Fax: (406) 586-3792
E-mail: sales@omegabiochemicals.com

Products listed in this catalog normally are in stock. Please include the catalog number and full product description. A specific lot number may be requested. Please provide full billing and shipping addresses with any required attention line. Lot specific Certificates of Analysis accompany each product.

All prices are listed in U.S. currency and are subject to change without notice. All prices are F.O.B. ExWorks, Bozeman, MT. Delivery and packing charges are extra and are added to each invoice. Unless otherwise requested, orders for quantities larger than those listed will be filled with multiples of standard package sizes.

Delivery Method

We will select the method of shipment unless otherwise directed. At all times, we will try to honor delivery dates, but no guarantee is given or implied that specific delivery dates will be met.

Box Charge

When wet or dry ice is used, please add \$25.00 per container.

Minimum Order

Minimum order is \$50.00.

Export Orders

Please contact us for details.



TERMS AND CONDITIONS

Return Policy

No items are returnable without prior authorization from Omega Biologicals, Inc. No returns will be accepted after 30 days.

Payment Terms

Net 30 days to:
Omega Biologicals, Inc.
960 Technology Blvd, Ste 8
Bozeman, MT 59718-6850

Standing Orders

Omega Biologicals, Inc. will schedule predetermined shipments on any given product. This service eliminates the burden of placing frequent repeat orders and assures timely delivery of a frequently needed product. Standing order prices are available.

Alteration Right

We reserve the right to change product specifications as we see fit to maximize product quality.

Warranty

Seller warrants, to the original Purchaser only, that every attempt has been made for the products listed in this catalog to conform to the composition and purity described therein at the time of their shipment. Purchaser's sole remedy for failure to meet this warranty shall be replacement of the unused portion of the product or, at Seller's option, refund of the purchase price; provided, however, that Purchaser returns product claimed to be nonconforming within 30 days of the receipt of the product. Seller makes no warranty, expressed or implied, including any implied warranty of fitness for a particular purpose or of merchantability. In no cases, shall Seller assume any responsibility for the use or handling of the product or any liability for consequential, special, indirect, or incidental damages resulting therefrom.

Storage

Storage conditions on lot specific Certificates of Analysis are an integral part of these terms and conditions and must be strictly followed. All products should be used within 12 months of shipment date.