

Dedication to combating
the spread of disease?

We I.V.D.O. that TM

Infectious Diseases
catalog

Medix Biochemica

Introduction

Infectious diseases are the result of presence, growth, and the body's reaction (i.e. infection) to a pathogenic (i.e. disease causing) agent inside the body. Such diseases are of great concern to the IVD industry due to their impact on a population – locally, regionally, and globally alike. The global burden of infectious diseases has improved dramatically over the last few centuries while still accounting for more than 17 million deaths annually, particularly from lower respiratory diseases such as pneumonia and tuberculosis.

Infectious diseases can arise from viral, bacterial, fungal, or parasitic infections. Vaccination and other treatments are an effective means to preventing these diseases. Still, infectious disease testing remains as utmost importance to combating the spread of these diseases. While as of 2022, COVID-19 remains at the forefront of the world's attention, influenza testing

continues to be important for diagnosis and tracking of local outbreaks. As equally important to the IVD industry are the common tests suggested by the Centers for Disease Control and Prevention (CDC) for donors and other raw material collections. These include HIV 1/2, HCV, HBsAg and syphilis among others.

Medix Biochemica provides a wide selection of high-quality antibodies, recombinant antigens and molecular diagnostic reagents to support infectious disease 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 test manufacturers and other important customers in the in vitro diagnostic community.



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Product	Concentration mg/mL *	Product code
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Bocavirus (hBoV)

is a member of the Parvoviridae virus family. It is a newly described human pathogen that has been associated especially with lower respiratory tract and gastrointestinal infections, predominantly in children.

MONOCLONAL ANTIBODY		
hBoV	3602	5 100527

Chlamydia trachomatis

is an intracellular pathogen that can cause numerous disease states in both men and women, such as urethritis, proctitis, trachoma, and infertility.

MONOCLONAL ANTIBODIES		
Chlamydia	6701	5 100141
trachomatis	6703	5 100071
	6709	5 100073

Clostridium difficile

is an anaerobic Gram-positive bacterium that can cause hospital-acquired diarrhea, and is often associated with previous antibiotic use. Immunoassays detecting the *C. difficile* proteins glutamate dehydrogenase (GDH), and toxins A and B, are used to diagnose *C. difficile* infection.

MONOCLONAL ANTIBODY		
C. difficile GDH	11001	5 100714
RECOMBINANT ANTIGEN		
C. difficile GDH antigen	100 µg	610121

Product	Concentration mg/mL *	Product code
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Coronavirus

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive stranded RNA virus. SARS-CoV-2 causes respiratory illness called COVID-19.

MONOCLONAL ANTIBODIES			
HCoV OC43	3504	5	100531
	3505	5	100532
SARS-CoV-2 N	3507	5	100948 <small>NEW</small>
SARS-CoV-2 N	3508	5	100950 <small>NEW</small>
SARS-CoV-2 N	3510	5	100952 <small>NEW</small>
SARS-CoV-2 N	3511	5	100953 <small>NEW</small>
SARS-CoV-2 N	3512	5	100954 <small>NEW</small>

RECOMBINANT ANTIGENS		
HCoV OC43 N antigen	100 µg	610040
SARS-CoV-2 N antigen	100 µg	710081
	1 mg	710082
	5 mg	710083
SARS-CoV-2 S1 antigen	100 µg	710090
	1 mg	710091
	5 mg	710092
SARS-CoV-2 S RBD1 antigen	100 µg	710093
	1 mg	710094
	5 mg	710095
SARS-CoV-2 S RBD2 antigen	100 µg	710096
	1 mg	710097
	5 mg	710098

Helicobacter pylori

is a Gram-negative bacterium commonly found in the stomach. *H. pylori* infection increases the risk of developing peptic ulcers and gastric cancers and can be diagnosed with serological blood tests, breath tests and stool antigen tests.

MONOCLONAL ANTIBODY			
H. pylori	7105	5	100713
RECOMBINANT ANTIGEN			
H. pylori OMP antigen		100 µg	610140

Product	Concentration mg/mL *	Product code
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Influenza A

is the most common cause of influenza, flu pandemics, and most epidemics. Influenza A virus causes influenza in birds and some mammals.

MONOCLONAL ANTIBODIES			
Influenza A	7304	5	100081
	7305	5	100082
	7307	5	100083
RECOMBINANT ANTIGEN			
Influenza A NP antigen	100 µg		610050

Influenza B

also causes seasonal epidemics but it is only known to infect humans and seals. This limited host range is apparently responsible for the lack of pandemics caused by influenza B.

MONOCLONAL ANTIBODIES			
Influenza B	9901	5	100117
	9906	5	100437
	9909	5	100473
RECOMBINANT ANTIGEN			
Influenza B NP antigen	100 µg		610051

Plasmodium falciparum HRP2 (Malaria)

is a histidine-rich protein secreted by the *P. falciparum* parasite. HRP2 detection is widely used in the diagnosis of malaria.

MONOCLONAL ANTIBODIES			
HRP2	3901	5	100559
	3902	5	100560
RECOMBINANT ANTIGEN			
HRP2 antigen	100 µg		610081

Product	Concentration mg/mL *	Product code
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Respiratory syncytial virus (RSV)

causes respiratory tract infections. It is the major cause of lower respiratory tract infection and hospital visits during infancy and childhood.

MONOCLONAL ANTIBODIES			
RSV	1201	10	100198

Rotavirus

infection is the leading cause of severe diarrhea and dehydration in young children. Rotavirus viral protein 6 (VP6), which is highly conserved and the most abundant protein on the viral capsid, is a good target for diagnostic use in Rotavirus immunoassays.

MONOCLONAL ANTIBODY			
Rotavirus VP6	11101	5	100715
RECOMBINANT ANTIGEN			
Rotavirus VP6 antigen		100 µg	610145

Streptococcus group A (Strep A)

Streptococcus pyogenes, or Group A Streptococcus (GAS), is a species of β-hemolytic bacteria responsible for most cases of streptococcal illness, which typically begin in the throat or skin. GAS is the cause of various important human diseases, ranging from strep throat or mild rash to life-threatening conditions such as streptococcal toxic shock syndrome.

MONOCLONAL ANTIBODY			
Strep A	2650	>1	700031

Product	Source	Applications	Matched pairs	Catalog number
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Adenovirus

MONOCLONAL ANTIBODY

Adenovirus Antibody	Mouse	Lateral Flow	HM430 (detection)	HM429
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Candida albicans

MONOCLONAL ANTIBODY

Candida albicans Antibody	Rabbit	ELISA, IFA	HM216 (self-pairs) or JP004 (capture)	HM216
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Chikungunya (CHIKV-WT-Env 1)

ANTIGEN

Chikungunya (CHIKV-WT-Env 1) Antigen >90%	Insect Cell Expression System	ELISA	HM337, HM338, HM339, HM340, HM341 or HM590	LA275
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Chlamydia pneumoniae

MONOCLONAL ANTIBODY

Chlamydia pneumoniae Antibody	Mouse	ELISA, IFA		HM924
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ANTIGEN

Chlamydia pneumoniae Antigen	Infected Cell Lystate	ELISA		EK502
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Chlamydia trachomatis

ANTIGEN

Chlamydia trachomatis (EB) Antigen	McCoy/Strain LGVII/434	ELISA, WB		CT218
Chlamydia trachomatis Antigen	Mouse L-cells/Strain 434	ELISA		LA211

Clostridium difficile toxin A

MONOCLONAL ANTIBODY

Clostridium difficile toxin A Antibody	Mouse	ELISA, Lateral Flow, IFA	HM018 (detection)	HM019
Clostridium difficile toxin A Antibody	Mouse	ELISA, Lateral Flow, IFA	HM019 (capture)	HM018

Product	Source	Applications	Matched pairs	Catalog number
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Clostridium difficile toxin B

MONOCLONAL ANTIBODY

Clostridium difficile toxin B Antibody	Mouse	ELISA, Lateral Flow, IFA	HM021 (detection)	HM020
Clostridium difficile toxin B Antibody	Mouse	ELISA, Lateral Flow, IFA	HM020 (capture)	HM021

Coronavirus

MONOCLONAL ANTIBODY

Coronavirus (COVID-19 & SARS-CoV NP) Antibody	Mouse	ELISA, WB, IFA		HM1054
Coronavirus (COVID-19 & SARS-CoV NP) Antibody	Mouse	ELISA, IFA		HM1063
Coronavirus (COVID-19 NP) Antibody	Mouse	ELISA, Lateral Flow	HM1144, HM1145, HM1146 (detection)	HM1143
Coronavirus (COVID-19 NP) Antibody	Mouse	ELISA, Lateral Flow	HM1143 or HM1147 (capture)	HM1144
Coronavirus (COVID-19 NP) Antibody	Mouse	ELISA	HM1143 or HM1147 (capture)	HM1146
Coronavirus (COVID-19 NP) Antibody, Rabbit Recombinant	Rec. Rabbit IgG	Lateral Flow	HM1181 or HM1183 (detection)	HM1180
Coronavirus (COVID-19 NP) Antibody, Rabbit Recombinant	Rec. Rabbit IgG	Lateral Flow	HM1180 or HM1182 (capture)	HM1181
Coronavirus (COVID-19, MERS & SARS-CoV NP) Antibody	Mouse	ELISA, IFA		HM1056

ANTIGEN

Coronavirus (COVID-19 NP; 2-419) Antigen, >95%	E. coli	Control	HM1054, HM1055, HM1056, HM1057, HM1058, HM1063, HM1064 or HM1065	LA600
Coronavirus (COVID-19 Spike Protein RBD; 331-524) Antigen >95%	Mammalian Cell Expression System (HEK293)	Control, ELISA, Lateral Flow		LA609
Coronavirus (COVID-19 Spike Protein S1; 1-681) Antigen >95%	Mammalian Cell Expression System (HEK293)	Control, ELISA, Lateral Flow		LA610
Coronavirus (COVID-19 Spike Protein; Full Length) Antigen, Recombinant >90%	Mammalian Cell Expression System (HEK293)	ELISA, IgG/IgM detection		LA636

Product	Source	Applications	Matched pairs	Catalog number
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Cryptosporidium

MONOCLONAL ANTIBODY

Cryptosporidium Antibody	Mouse	ELISA, Lateral Flow	HM807 (self-pairs)	HM807
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Cytomegalovirus (CMV)

ANTIGEN

Cytomegalovirus (CMV) Antigen	NHDF Cells/Strain AD169	IgG assays: ELISA, WB		CV001
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Epstein-Barr Virus (EBV)

ANTIGEN

Epstein-Barr Virus (EBV) Extract Antigen	Human B Cell/Strain P3HR1	ELISA, WB		EV012
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Escherichia coli (E. coli)

MONOCLONAL ANTIBODY

Escherichia coli (E. coli) O157 Antibody	Mouse	ELISA, Lateral Flow, IFA	HM017 (capture)	HM016
Escherichia coli (E. coli) O157 Antibody	Mouse	ELISA, Lateral Flow, IFA	HM016 (detection)	HM017

Giardia lamblia (G. lamblia cysts)

MONOCLONAL ANTIBODY

Giardia lamblia (G. lamblia cysts) Antibody	Mouse	ELISA, Lateral Flow, IFA, WB	HM013 or HM015 (detection)	HM014
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Helicobacter pylori

MONOCLONAL ANTIBODY

Helicobacter pylori Antibody	Mouse	ELISA, Lateral Flow, IFA, WB	J353, J354 or HM1107 (detection)	J353
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ANTIGEN

Helicobacter pylori Antigen	H. pylori Strain 43504	ELISA		FC508
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Product	Source	Applications	Matched pairs	Catalog number
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Hepatitis B Surface

MONOCLONAL ANTIBODY

Hepatitis B Surface Antigen (HBsAg) Ab	Mouse	ELISA, Lateral Flow, WB	HM361 (capture)	HM360
Hepatitis B Surface Antigen (HBsAg) Ab	Mouse	ELISA, Lateral Flow	HM919 (detection)	HM917
Hepatitis B Surface Antigen (HBsAg) Ab	Mouse	ELISA, Lateral Flow	HM917	HM918
Hepatitis B Surface Antigen (HBsAg) Ab	Mouse	ELISA, Lateral Flow	HM284 or HM285 (capture or detection)	HM283

ANTIGEN

Hepatitis B Surface Antigen (HBsAg-Ad) >90%	Insect Cell Expression System	ELISA		LA081
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Hepatitis C Virus (HCV)

ANTIGEN

Hepatitis C Virus (HCV) Chimeric Ag >90%	E. coli	Lateral Flow (double antigen sandwich assays)	LA036 (detection)	LA035
Hepatitis C Virus (HCV) Chimeric Ag >90%	E. coli	Lateral Flow (double antigen sandwich assays)	LA035 (capture)	LA036

Herpes Simplex Virus 1 (HSV 1)

ANTIGEN

Herpes Simplex Virus 1 (HSV 1) Extract Ag	HSV-1 MacIntyre Strain	ELISA, WB		H1V016
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Herpes Simplex Virus 2 (HSV 2)

ANTIGEN

Herpes Simplex Virus 2 (HSV 2) Extract Ag	Strain G	ELISA, WB		H2V017
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Product	Source	Applications	Matched pairs	Catalog number
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Influenza A Virus

MONOCLONAL ANTIBODY

Influenza A Virus Antibody	Mouse	Lateral Flow	HM418 or HM420 (capture)	HM419
Influenza A Virus Antibody	Mouse	ELISA, Lateral Flow, IFA	J320 (self-pairs) or J333 (detection)	J320

ANTIGEN

Influenza A Virus Antigen	A/New Caledonia/20/99 (H1N1)	ELISA		LA157
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Influenza B Virus

MONOCLONAL ANTIBODY

Influenza B Virus Antibody	Mouse	Lateral Flow	HM424 (self-pairs)	HM424
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ANTIGEN

Influenza B Virus Antigen	B/Jiangsu/10/03	ELISA		LA203
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Metapneumovirus

MONOCLONAL ANTIBODY

Metapneumovirus Antibody	Mouse	ELISA, Lateral Flow, IFA	HM044 (detection)	HM043
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Mycoplasma pneumoniae

MONOCLONAL ANTIBODY

Mycoplasma pneumoniae Antibody	Mouse	Lateral Flow	HM635 (detection) and HM634 or HM636 (capture)	HM633
Mycoplasma pneumoniae Antibody	Mouse	Latera; Flow	HM633 (capture)	HM635

Norovirus genogroup II

ANTIGEN

Norovirus genogroup II Antigen >95%	E. coli	ELISA, Controls, Vaccine Research	HM638 or HM885	LA321
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MONOCLONAL ANTIBODY

Norovirus genogroup II Antibody	Mouse	ELISA, Lateral Flow	HM715 (detection)	HM714
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Product	Source	Applications	Matched pairs	Catalog number
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Respiratory Syncytial Virus (RSV)

MONOCLONAL ANTIBODY

Respiratory Syncytial Virus (RSV) Antibody	Mouse	Lateral Flow	HM434 (detection)	HM433
Respiratory Syncytial Virus (RSV) Antibody	Mouse	Lateral Flow	HM433 (capture)	HM434
Respiratory Syncytial Virus (RSV) Antibody	Mouse	ELISA, Lateral Flow, IFA	J358 (self-pairs), J359 or J360 (capture)	J358

ANTIGEN

Respiratory Syncytial Virus (RSV) Antigen	Hep-2 cells/ Strain Long	ELISA		FC517
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Treponema pallidum Chimeric

ANTIGEN

Treponema pallidum Chimeric Ag >90%	E. coli	Lateral Flow	LA042 (capture)	LA041
Treponema pallidum Chimeric Ag >90%	E. coli	Lateral Flow	LA041 (detection)	LA042

Varicella-Zoster Virus (VZV)

ANTIGEN

Varicella-Zoster Virus (VZV) Antigen	NHDF cells/Strain Ellen	ELISA, WB		VV147
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MONOCLONAL ANTIBODY

Varicella-Zoster Virus (VZV-gE) Antibody	Mouse	ELISA, WB, IFA		VA315
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Zika Virus (ZIKV-NS1)

ANTIGEN

Zika Virus (ZIKV-NS1) Antibody	Mouse	ELISA, Lateral Flow	HM333	HM332
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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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