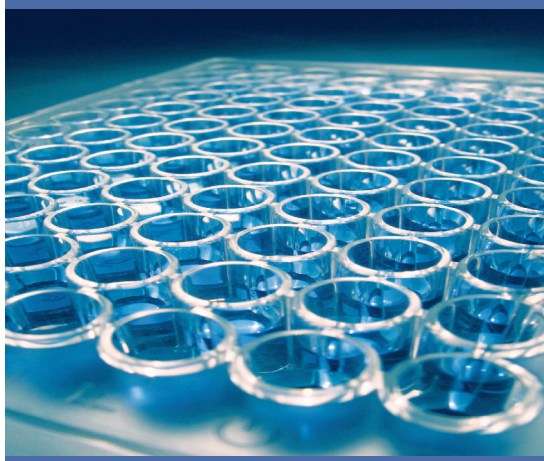


Immunoassays

- Highest quality
- Complete kits for *in vitro* diagnostics
- Kits for ELISA and CIA techniques
- Ready-to-use Smart Buffers for ELISA procedures
- Chromogenic substrates
- Highly active antisera



Kits and reagents for immunological assays

Medicago develops and manufactures a wide range of immuno reagents, including antiserum, antigens from bacteria, parasites and other sources, and synthetically manufactured antigens and antigen analogues. We also offer complete ready-to-use kits for the *in vitro* diagnosis of parasite diseases in rabbits and rats, as well as a kit for the leakage detection of Protein L. In addition we can offer a range of Smart Buffers commonly used in immunoassays such as PBS and TBS with or without Tween. These dissolve-and-go tablets are manufactured using highly purified chemicals and are extensively tested.

Complete ready-to-use kits

Immunoassays, like Enzyme Linked ImmunoSorbent Assay (ELISA) and Carbon Immuno Assay (CIA) are efficient and extremely sensitive assays that can be performed in all laboratories with standard equipment.

Kits for *in vitro* diagnosis

Medicago offers complete kits for *in vitro* diagnosis of the parasite disease EC (*Encephalitozoon cuniculi*) in rabbits and rodents. The EC ELISA kit is a ready-to-use product for analysing the presence of antibodies against EC in up to 92 unknown samples/kit.

An alternative to the EC ELISA kit is the EC CIA kit. This is a quick (5-minutes) and easy microscope based test, where presence of anti-EC antibodies are visualised when the serum sample is mixed with EC antigen and a carbon suspension

Leakage detection kit

A new addition to Medicagos immunology assortment is the Protein L Ligand Leakage ELISA kit. This kit detects and quantifies Protein L contaminations in Immunoglobulin (Ig) or Ig-fragment-containing solutions. There is an increased interest in using affinity chromatography based on Protein L, for easy and high purity purification of Ig and Ig-fragments.



This increased use has rendered a need for a reliable and sensitive assay for detecting and quantifying miniscule Protein L contaminations in the purified product.

Medicago offers the only product on the market for quantifying Protein L in Ig and Ig-fragment-containing solutions. The Protein L Ligand Leakage ELISA kit is recommended by GE healthcare for leakage studies using GE Healthcares Capto™ L affinity chromatography medium.

Additional reagents

Substrates and stop solution

As a supplement to complete kits, Medicago provides many kit components separately.

- The EC-Blue enhanced™ Substrate is a ready-to-use liquid substrate for HRP, suited for ELISA applications.
- A stop solution specially developed for EC-Blue enhanced™ can also be found in our line of products.
- The *p*-Nitrophenyl Phosphate Substrate (*p*-NPP) is a convenient tablet for use as substrate in immunoassay procedures.

Smart Buffers

From our wide range of convenient Smart Buffers you can find several products suited for application in immunoassays. Both PBS and TBS can be purchased as ready-to-use tablets or in pre-weighed pouches. For coating procedures we offer carbonate/bicarbonate tablets and BBS tablets, and the PBS and TBS tablets supplemented with Tween™ are specially suited for washing steps in various immunoassays.

Carbon suspension

The carbon suspension contains microscopic carbon particles that attach to IgG molecules in many different mammalian sera and can be used for set up of your own CIA test.

Antigen and antiserum

As a supplement to our ready-to-use kits for diagnosis of the parasite *Encephalitozoon cuniculi* and the parasitic protozoa *Toxoplasma gondii* we offer both whole antigen suspension and antiserum from rabbit and rat.

Related products

Immunosorb A, a cross-linked agarose matrix with immobilized Protein A, which can be used for affinity chromatography or purification of immunoglobulins.



Contract manufacturing and product development

Medicago has a broad experience of production and purification of antibodies for different *in vitro* applications. We provide full service from design of the antigen and immunisation protocol to immunisation, harvesting, fusion, sub-cloning and production. We have developed a special expertise in producing monoclonal antibodies against very small molecules (molecular weight down to 190 g/mol). Our antibodies are developed in mice, rats, rabbits, goats and other animals. We can also offer in house production of recombinantly expressed antigen. Inclusion of our Smart Buffer tablets in your immunological kit reduce weight and enhance shelf life.

Medicago offers contract development and manufacturing of immunological kits, products and assays. For further information please call +46 18 56 11 80, send an email to info@medicago.se or visit www.medicago.se/custom

Medicago products

Ordering Information

Product name	Pack size	Article no
NEW! Protein L Ligand Leakage ELISA	1 kit	10-0027-1
<i>Encephalitozoon cuniculi</i> (EC) ELISA	1 kit	18-9001-1
<i>Encephalitozoon cuniculi</i> (EC) CIA	1 kit	18-2001-1
EC-blue Enhanced™ Substrate (TMB)	1000 ml	10-9405-1000
EC-blue Enhanced™ Substrate (TMB)	250 ml	10-9405-250
EC-blue Enhanced™ Substrate (TMB)	100 ml	10-9405-100
EC-blue Enhanced™ Substrate (TMB)	5000 ml	10-9405-5000
EC-blue Enhanced™ Substrate (TMB)	25 000 ml	10-9405-0
Stop solution for TMB Substrate	50 ml	10-9500-50
<i>p</i> -Nitrophenyl Phosphate Substrate (pNPP) 5 mg	100 tablets	09-2001-100
<i>p</i> -Nitrophenyl Phosphate Substrate (pNPP) 5 mg**	24 tablets**	09-2001-24
<i>p</i> -Nitrophenyl Phosphate Substrate (pNPP) 20 mg	100 tablets	09-2020-100
<i>p</i> -Nitrophenyl Phosphate Substrate (pNPP) 20 mg**	24 tablets**	09-2020-24
EC whole cell antigen suspension	3 ml	18-2002-3
Rabbit antiserum against EC	1 ml	18-4001-1
Rabbit antiserum against EC	0.1 ml	18-4001-100
Rat antiserum against EC	0.1 ml	18-4002-100
Rabbit antiserum against <i>Toxoplasma gondii</i>	1 ml	18-5001-1
Rabbit antiserum against <i>Toxoplasma gondii</i>	0.1 ml	18-5001-100
<i>Toxoplasma gondii</i> whole cell antigen suspension	3 ml	18-2003-3
Immunosorb A	200 ml	10-1257-200
Immunosorb A	100 ml	10-1257-100
Immunosorb A	5 ml	10-1257-5
Carbon suspension for CIA	3 ml	18-6010-3
Phosphate Buffered Saline (PBS) pH 7.4*	100 tablets	09-2051-100
PBS with Tween™ 20 (PBS-T) pH 7.4*	100 tablets	09-8903-100
Tris Buffered Saline (TBS) pH 7.6*	100 tablets	09-7500-100
TBS with Tween™ 20 (TBS-T) pH 7.6*	100 tablets	09-7510-100
Borate Buffered Saline (BBS) pH 8.2	100 tablets	09-2053-100
Carbonate/bicarbonate Coating Buffer, pH 9,6*	100 tablets	09-8922-100

* Available in several different sizes and varieties, see www.medicago.se/smartbuffers

** Blister pack

For more information about our immunoreagents or kits please call +46 18 56 11 80, email to info@medicago.se or visit www.medicago.se/products

Distributed by:



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