

EIAgen

MicroELISA & Blood Bank Assays Menu

Adaltis offers a competitive range of CE-IVD marked microplate assays based on colourimetric detection. Our EIAgen microELISA kits provide you reliable assays for your daily laboratory routine, either for screening or a more advanced sample classification.

EIAgen microELISA assay features:

- Large menu of assays/kits
- Excellent performance for an affordable price
- Long stability

EIAgen assays in combination with our completely automated microplate analysers; Personal LAB 2-microplate analyser and NEXgen 7-plate analyser, are providing you a reliable and easy to operate system for your daily test routine. All validated application protocols are pre-loaded on the instruments for your immediate operation, and eliminate programming errors.

Adaltis' microELISA assays are CE-IVD marked and produced under ISO 9001 and ISO 13485 certification.



Excellent performance for accurate diagnosis

 **ADALTIS**
RELIABILITY & INNOVATION





MicroELISA assays for Blood Banks

Adaltis offers to blood banks a range of high performance microELISA assays to increase the safety of blood products:

- HIV
- HCV
- HBsAg
- Syphilis

Adaltis is a pioneer in the blood screening solutions with its complete line of serological tests that are available to blood and plasma screening laboratories.

Our broad range of microELISA assays in combination with our new Personal Lab 2 microplates processor and NEXgen 5+2 microplates processor, is continuously providing you a state of the art system, fully automated and high-throughput for your returning work routine. With a maximum loading capacity of almost 620 primary sample tubes for routine analysis against a variety of tests, you will meet superior flexibility without compromising the quality of test results.

Adaltis' combined solution of both serology tests and analysers provide blood and plasma screening centres with high sensitivity and specificity on automated platforms designed for efficiency and reliability.



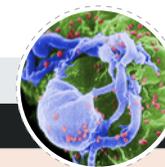
EIAgen Detect HIV Combo Kit
192 tests



EIAgen Detect HIV Combo Kit
480 tests

RETROVIRUS

Human Immunodeficiency Virus (HIV), the most impactful exogenous retrovirus affecting the human population and causes diseases with a high mortality potential.



Product Code	Description	Package
HIV		
081311C	EIAgen Detect HIV Combo	96 tests
081312C	EIAgen Detect HIV Combo	192 tests
081315C	EIAgen Detect HIV Combo	480 tests

The EIAgen Detect HIV Combo Kit is a new screening assay for the simultaneous detection of HIV-1 antibodies, HIV-2 antibodies and HIV-p24 antigen, in human serum or plasma. This 4th generation assay combines the HIV-antigen and the HIV-antibody detection, resulting in an earlier detection of an HIV-infection.

Three different package sizes, 18-months of shelf life and 2-months of stability after first opening, guarantee the maximum flexibility to the laboratory in terms of stock management.

The EIAgen Detect HIV Combo Kit is a 4th generation assay, developed and evaluated in compliance with the new Common Technical Specifications 2009/886/EC (CTS) as required by the article 5 of the IVD Directive 98/79/EC:

The EIAgen Detect HIV Combo Kit is the state of the art assay providing superior performances:

- ✓ Monoclonal antibodies against HIV p24-antigen
- ✓ Antigens HIV-1 gp41 and HIV-2 gp36
- ✓ Recombinant antigens and synthetic peptides

- ✓ Diagnostic Sensitivity 100%
- ✓ Diagnostic Specificity $\geq 99,7\%$
- ✓ Detection limit for p24-antigen: 1 IU/ml, based on the WHO 1st International Ref. (Code 90/636)
- ✓ Samples: Serum or Plasma (EDTA, Heparin, Citrate)



The EIAGEN microELISA Test Menu

SYPHILIS

ADALTIS Syphilis line of Elisa kit for screening of blood donors and pregnant women.

Product Code	Description	Package
081141	EIAGEN Syphilis Ab	96 tests
081142	EIAGEN Syphilis Ab	192 tests
081145	EIAGEN Syphilis Ab	480 tests

The EIAGEN Syphilis Ab Kit assay is a third generation solid phase enzyme immunoassay for the qualitative detection of antibodies against *Treponema pallidum* (TP), the causative agent of Syphilis, in human sera or plasma.

Three different package sizes, 18 months of shelf life and 2 months stability after first opening.

- Diagnostic Sensitivity 100%
- Diagnostic Specificity $\geq 99.5\%$
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)



EIAGEN Syphilis Ab Kit
192 tests

HEPATITIS

EIAGEN Anti-HAV Kit
96 tests

Adaltis offers a complete panel for hepatitis diagnostic tests.

They are used to prevent infection through screening of donor serum and plasma, to establish the clinical diagnosis and make better decisions regarding medical management of the patient.

Product Code	Description	Package
Hepatitis A		
070998	EIAGEN Anti-HAV	96 tests
070999	EIAGEN Anti-HAV IgM	96 tests
Hepatitis B		
071011	EIAGEN HBsAg	96 tests
071012	EIAGEN HBsAg	192 tests
071115	EIAGEN HBsAg	480 tests

EIAGEN HBsAg Kit is an enzyme-linked immunosorbent assay (ELISA) for qualitative detection of HBsAg in human serum or plasma (EDTA, sodium citrate or heparin). It is intended for screening of blood donors and for diagnosing of patients related to infection with hepatitis B virus.

Three different package sizes, 15 months of shelf life and one month stability after first opening.

- Diagnostic Sensitivity 100%
- Diagnostic Specificity $\geq 99.78\%$
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)



EIAGEN HEV IgG Kit
96 tests

EIAGEN HCV Ab (v.4) Kit
192 tests

The 4th generation Enzyme ImmunoAssay (ELISA) for the determination of antibodies to Hepatitis C Virus in human plasma and sera. The kit may be used for the screening of blood units of HCV-infected patients.

Three different package sizes, 15 months of shelf life and is stable after first opening until the humidity indicator turns from yellow to green.

- Diagnostic Sensitivity 100%
- Diagnostic Specificity $\geq 99.5\%$
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)

Product Code	Description	Package
Hepatitis C		
071067	EIAGEN HCV Ab (v.4)	96 tests
071064	EIAGEN HCV Ab (v.4)	192 tests
071068	EIAGEN HCV Ab (v.4)	480 tests
Hepatitis E		
071054	EIAGEN HEV IgG	96 tests
071050	EIAGEN HEV IgM	96 tests

* Alternative packaging formats can be supplied upon request.

EIAgen

MicroElisa assays

The EIAgen line is a range of microplate Elisa assays to quickly detect and complete the solution for diagnostic laboratory and blood screening requirements.

- All our EIAgen assays are validated on our fully automated microElisa processors, Personal LAB and NEXgen.
- Adaltis offer a high quality and automated solution, flexible and competitive prices and an excellent Customer Service.

- The kits use our TMB-substrate 'Blue Star', this world renowned component is ready to use and has long stability and shelf life.
- Almost all assays include reagents that are ready to use and have a shelf life of **at least** 12-15 months.

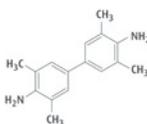
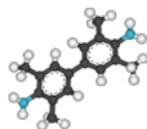
Our offer of assays includes the following lines:

- Retrovirus
- Hepatitis
- Syphilis

BLUE STAR - The TMB Solution

TMB (3,3',5,5'-Tetramethylbenzidine) is a chromogen that yields a blue colour when oxidized, typically as a result of oxygen radicals produced by the hydrolysis of hydrogen peroxide by HRP.

For kinetic or non-stopped ELISA assays, the TMB chromogen has maximal absorbance at 370 nm and 650 nm. The colour then changes to yellow with the addition of sulphuric or phosphoric acid with maximum absorbance at 450 nm.



Product Specification

Ready for use

Stability : 25 months.

Storage: +2-8°C protected from light. Do not freeze.

pH 3.5 – 3.7

Blank < 0.050 OD

Product code

LSBLUEB

Product Size

10 litres	Sufficient for about 1000 microplates
20 litres	Sufficient for about 2000 microplates
50 litres	Sufficient for about 5000 microplates

For more details, please contact our Customer Care Centre via info@adaltis.net



For more information

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ADALTIS is certified in compliance with ISO9001 and ISO 13485.
Our products are CE-IVD.