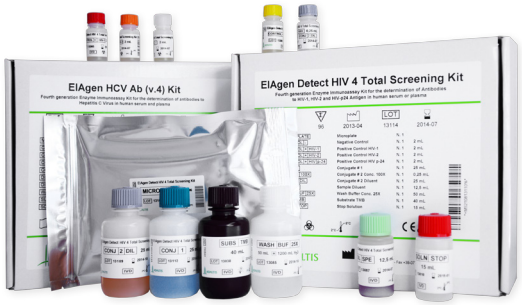
ElAgen

MicroELISA **Blood Bank** Assays Menu

CE-IVD



A blood bank is the place where blood donations are collected and stored for later use as blood transfusion. A blood bank usually is part of a hospital or other medical institution where the storage of blood and its proper testing occur. The proper testing of blood or plasma donation is important in order to reduce the risk of disease transmission from donor to recipient. The blood, or plasma, after being tested is deemed safe for use and can be transfused to patients or further separated to different blood products.

A number of laboratory tests should be completed before blood or blood products can be transfused to patients, and usually includes at least a determination of blood type and serological tests screening for infectious diseases, such as HIV, HTLV, Hepatitis, Syphilis, West Nile, etc.

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 on the scalable and automatic micro-plate analysers Personal-Lab (2 plate analyser) and NEXgen (7 plate analyser) as high performance and fully CE-IVD compliant microELISA assays. 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.

Excellent performance for accurate diagnosis

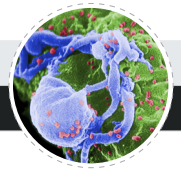
ADALTIS

RELIABILITY & INNOVATION

ElAgen

RETROVIRUS

HIV and HTLV are both retroviruses and can be passed through blood and sexual contact, but they are only very remotely related, and HTLV does not cause AIDS and does not have the same devastating effects on a person's immune system that HIV does have.



Product Code	Description	Package
HIV		
081311	ElAgen Detect HIV 4 Total Screening	96 tests
081312	ElAgen Detect HIV 4 Total Screening	192 tests
081315	ElAgen Detect HIV 4 Total Screening	480 tests

Product Code	Description	Package
HTLV		
081321	ElAgen HTLV I-II Ab	96 tests
081322	ElAgen HTLV I-II Ab	192 tests
081325	ElAgen HTLV I-II Ab	480 tests

The ElAgen Detect HIV 4 Total Screening 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. The 4th generation assay combines the HIV antigen and the HIV antibody detection, resulting in an **earlier detection of HIV infection**.

The ElAgen Detect HIV 4 Total Screening 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:

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

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.

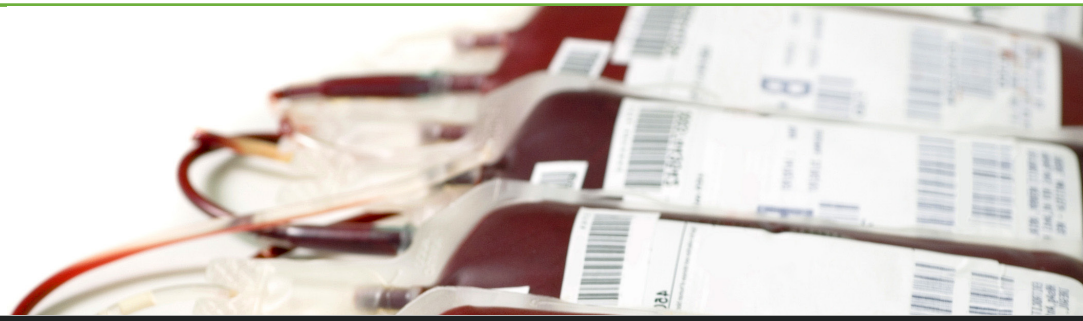
The ElAgen Detect HIV 4 Total Screening Kit is the state of the art assay providing superior performances:

- Diagnostic Sensitivity 100%
- Diagnostic Specificity ≥ 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 ElAgen HTLV I-II Ab Kit assay is a solid phase enzyme immunoassay utilising a mixture of antigens for the in vitro diagnostic screening in human serum or plasma of antibodies to Human T-cell Lymphotropic Virus type I&II or HTLV I&II antibodies. The kit may be used for the screening of blood units of HTLV I&II-infected patients.

Three different package sizes, 18 months of shelf life and 6 months stability after first opening.

- Diagnostic Sensitivity 100%
- Diagnostic Specificity ≥99.8%
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)



SYPHILIS

The ElAgen 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 ≥99.5%
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)

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

HEPATITIS

ElAgen 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 ≥99.78%
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)

Product Code	Description	Package
Hepatitis B		
071011	ElAgen HBsAg	96 tests
071012	ElAgen HBsAg	192 tests
071115	ElAgen HBsAg	480 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 ≥99.5%
- Samples: Serum or Plasma (EDTA, Heparin, Citrate)

Product Code	Description	Package
Hepatitis C		
071067	ElAgen HCV Ab (v.4)	96 tests
071064	ElAgen HCV Ab (v.4)	192 tests
071068	ElAgen HCV Ab (v.4)	480 tests