

recomLine HIV-1 & HIV-2 IgG

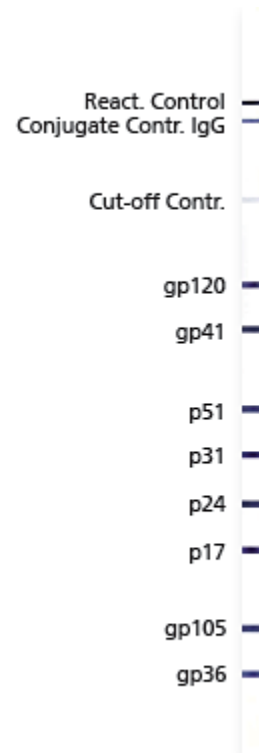
Strip-Immunoassay with antigens produced by recombinant techniques for the detection of IgG antibodies against HIV-1 and HIV-2.

Acquired Immunodeficiency Syndrome (AIDS) was first described in 1981, and the Human Immunodeficiency Virus (HIV) was identified as the causative pathogen.

The *recomLine* HIV-1 & HIV-2 IgG assay uses recombinant antigens based on the ENV, POL, and GAG gene segments and provides an easy and a reliable assay for HIV-1 and HIV-2 IgG antibody.

- Includes 8 serologically relevant HIV antigens.
- Control band on every strip.
- Detects antibodies to different subtypes of HIV-1, such as group M and group O.

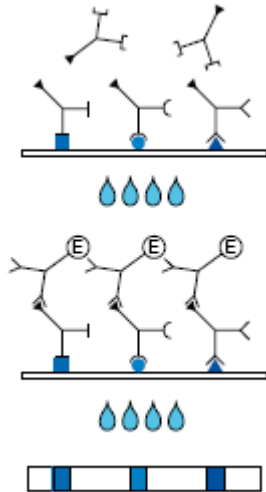
Product #6672 *recomLine* HIV-1 & HIV-2 IgG
(reagents for 20 tests)



For more information visit
<https://www.mikrogen.de/english/nc/products/product-overview/testsystem/hiv-1-hiv-2-igq.html>

*Available in the U.S. For Research Use Only.
Not intended for diagnostic procedures.*

Test Principle and Procedure



1st Incubation

A test strip loaded with HIV antigens is incubated with diluted sample in a dish for **3 hours**.

Wash strip 3 times.

2nd Incubation

Peroxidase conjugated anti-human antibody (IgG specific) is added. Incubate for **45 minutes**.

Wash strip 3 times.

Color reaction

8 minutes after addition of the coloring solution, insoluble colored bands develop at the sites on the test strips occupied by antibodies.

Recombinant HIV Antigens

Antigen	Gene Region	Function / Localization
gp120	ENV HIV-1	Glycoprotein, component of outer membrane of HIV-1
gp41	ENV HIV-1	Component of outer membrane of HIV-1
p51	POL	Reverse transcriptase of HIV-1
p31	POL	Integrase of HIV-1
p24	GAG	Capsid protein of HIV-1
p17	GAG	Matrix protein of HIV-1
gp105	ENV HIV-2	Glycoprotein, component of outer membrane of HIV-2
gp36	ENV HIV-2	Transmembrane glycoprotein, component of outer membrane of HIV-2

Storage

+2°C - +8°C

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