

HIV-1 & HIV IgG Assay Kit | HIV-1 assay kit

recomLine HIV-1 & HIV-2 IgG

CATALOG #
AAA47894

REACTIVITY
HIV-1 & HIV

PRODUCT SYNONYMS

IgG; recomLine HIV-1 & HIV-2 IgG; HIV-1 & HIV-2 IgG/recomLine; HIV-1 assay kit

PRODUCT SPECIFICATIONS

Reactivity	HIV-1 & HIV
Specificity	The analytical specificity is defined as the capacity of the test to pre-cisely determine the analytes in the presence of potential interference factors in the sample matrix or cross-reactions with potentially interfer-ing antibodies.
Test Principle and Procedure	Recombinant HIV Antigens 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. 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
Preparation and Storage	Store products at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HIV-1 assay kit	Principle of the Assay: Highly purified recombinant HIV antigens are fixed on nitrocellulose membrane strips. Intended Uses: The recomLine HIV 1 & HIV 2 IgG is a line immunoassay. By sepa-rately lining up the individual antigens, unlike ELISAs, the test principle allows the identification of specific antibodies against the individual antigens of HIV-1 and HIV-2 (ENV proteins HIV-1: gp120, gp41; ENV proteins HIV-2: gp105, gp36; GAG proteins: p24, p17; POL proteins: p51, p31). By using the type-specific antigens gp41 (HIV 1) and gp36 (HIV 2) it is also possible to differentiate between an infection with HIV 1 and HIV 2. The recomline HIV-1 & HIV-2 IgG is a confirmation test and can be used to clarify unclear screening results.
Product Categories/Family for HIV-1 assay kit	Infectious Disease Test Kits and Positive Controls; MIKROGEN Products

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.