

Lentivirus (HIV-1 p24) ELISA Kit | HIV-1p24 elisa kit

Lentivirus (HIV-1 p24) Titer Kit

CATALOG #
AAA259155

REACTIVITY
HIV-1

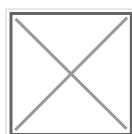
PRODUCT SYNONYMS

Lentivirus (HIV-1 p24); Lentivirus (HIV-1 p24) Titer Kit; Gag-p24 ELISA Kit; HIV; HIV-1p24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	HIV-1
Specificity	This assay recognizes both recombinant HIV-1 p24.
Assay Type	Sandwich
Samples	Cell culture supernates and Pseudovirus supernates
Detection Range	31.25-2000pg/mL
Sensitivity	0.06 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) - Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays) - Three samples of known concentration were tested in three separate assays to assess inter-assay precision.
Preparation and Storage	Unopened Kit: Store at 2-8 degree COpened/Reconstituted Reagents: Please refer to CoA

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIV-1p24 elisa kit

Principle of the Assay: The principle of this ELISA kit is based on the Sandwich Enzyme-Linked Immunosorbent Assay (ELISA). The 96-well strip plate is precoated with a monoclonal antibody specific for HIV-1 p24. Standards and HIV-1 p24 present in the sample is bound by the immobilized antibody. After washing, a horseradish peroxidase conjugated anti-HIV-1 p24 antibody is added, producing an antibody-antigen-antibody "sandwich complex". Following a wash to remove any unbound antibody-enzyme reagent, a TMB substrate solution is added to the wells and color develops in proportion to the amount of HIV-1 p24 bound in the initial step. The color development is stopped and the intensity of the color is measured at 450 nm.

Intended Uses: The kit applies for the accurate quantitation of HIV-1 p24 from cell culture supernates and Pseudovirus supernates. The use of this kit for natural samples need to be validated by the end user due to the complexity of natural targets and unpredictable interference.

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.

