

Immunodeficiency Virus type 1 (HIV-1) p24/Capsid Protein p24 ELISA Kit | HIV-1 elisa kit

Human Immunodeficiency Virus type 1 (HIV-1) p24/Capsid Protein p24 ELISA Kit

CATALOG #
AAA258431

REACTIVITY
Human Immunodeficiency Virus type 1 (HIV-1)

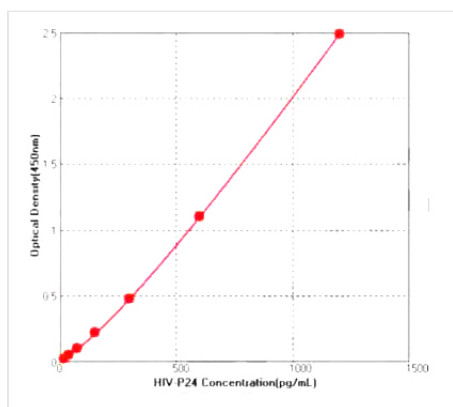
PRODUCT SYNONYMS

Immunodeficiency Virus type 1 (HIV-1) p24/Capsid Protein p24; Human Immunodeficiency Virus type 1 (HIV-1) p24/Capsid Protein p24 ELISA Kit; Gag-p24 ELISA Kit; HIV; HIV-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human Immunodeficiency Virus type 1 (HIV-1)
Specificity	This assay recognizes recombinant HIV-1 p24 Protein (group M, subtype B, strain 92418) (His Tag).
Assay Type	Sandwich
Detection Range	18.75-1200 pg/mL
Sensitivity	8.2 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIV-1 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 Human Immunodeficiency Virus type 1 (HIV-1) p24 / Capsid Protein p24. Standards and Human Immunodeficiency Virus type 1 (HIV-1) p24 / Capsid Protein p24 present in the sample is bound by the immobilized antibody. After washing, a horseradish peroxidase conjugated anti-Human Immunodeficiency Virus type 1 (HIV-1) p24 / Capsid Protein 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 Human Immunodeficiency Virus type 1 (HIV-1) p24 / Capsid Protein 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 has been verified by high purity HIV-1 p24 recombinant protein. 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.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/immunodeficiency-virus-type-1-hiv-1-p24-capsid-protein-p24/258431>