

Human Monkeypox Virus (MPXV) IgG (A29L) ELISA Kit | MPXV elisa kit

Human Anti-Monkeypox Virus (MPXV) IgG ELISA Kit (A29L)

CATALOG #
AAA120196

REACTIVITY
Human

PRODUCT SYNONYMS

Monkeypox Virus (MPXV) IgG (A29L); Human Anti-Monkeypox Virus (MPXV) IgG ELISA Kit (A29L); Mpox; MPXV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum and plasma
Detection Range	1.563 - 100 ng/mL
Sensitivity	< 0.78 ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): <10%. Three samples of known concentration were tested sixteen times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays): <15%. Three samples of known concentration were tested in twenty four separate assays to assess inter-assay precision.

ADDITIONAL INFORMATION

Related Product Information for MPXV elisa kit

Principle of the Assay: This assay employs the quantitative indirect enzyme immunoassay technique. Recombinant MPXV A29L antigen has been pre-coated onto a microplate. Standards or samples are pipetted into the wells and any Human Anti-MPXV A29L IgG present is bound by the immobilized protein. After washing away any unbound substances, a biotin-labeled Mouse Anti-Human IgG antibody is added to the wells. After washing away any unbound substances, Streptavidin-HRP is added to the wells. Following a wash to remove any unbound enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Human Anti-MPXV A29L IgG bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: Used for the quantitative determination of Human Anti-MPXV A29L IgG concentration in serum and plasma.

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/monkeypox-virus-mpxv-igg-a29l/120196>