

Rabbit HSV Thymidine Kinase ELISA Kit | HSV-TK elisa kit

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CATALOG #
AAA87271

REACTIVITY
Rabbit

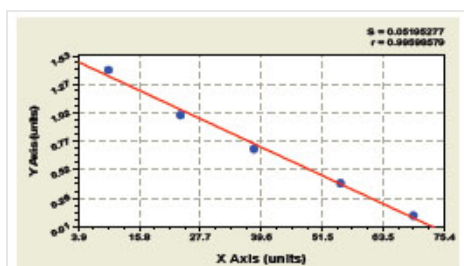
PRODUCT SYNONYMS

HSV Thymidine Kinase; Rabbit HSV Thymidine Kinase ELISA Kit; HSV-TK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TK-HSV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit TK-HSV. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for HSV-TK elisa kit

Principle of the assay: TK-HSV ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TK-HSV antibody and an TK-HSV-HRP conjugate. The assay sample and buffer are incubated together with TK-HSV-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TK-HSV concentration since TK-HSV from samples and TK-HSV-HRP conjugate compete for the anti-TK-HSV antibody binding site. Since the number of sites is limited, as more sites are occupied by TK-HSV from the sample, fewer sites are left to bind TK-HSV-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TK-HSV concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HSV-TK elisa kit

Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	319759854
NCBI Official Full Name	HSV thymidine kinase

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/hsv-tk-rabbit-elisa-kits/hsv-thymidine-kinase/87271>