

Human Herpes Simplex Virus 1 (HSV 1) IgG ELISA Kit

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CATALOG #
AAA72694

REACTIVITY
Human

PRODUCT SYNONYMS

Herpes Simplex Virus 1 (HSV 1) IgG; Herpes Simplex Virus 1 (HSV 1) IgG ELISA Kit; Herpes Simplex Virus 1 (HSV 1) IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The specificity is defined as the probability of the assay of scoring negative in the absence of the specific analyte. It is 99.07% (95% confidence interval: 96.68% - 99.89%).
Samples	Human serum or plasma (citrate, heparin)
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for Herpes Simplex Virus 1 (HSV 1) IgG elisa kit

Intended Uses: The HSV 1 IgG ELISA is intended for the determination of IgG class antibodies against Herpes simplex Virus 1 (HSV 1) in human serum or plasma (citrate, heparin). For research use only -

Principle of the Assay: The immunoenzymatic determination of specific antibodies is based on the ELISA (Enzyme-linked Immunosorbent Assay) technique. Microtiterplates are coated with specific antigens to bind corresponding antibodies of the sample. After washing the wells to remove all unbound sample material a horseradish peroxidase (HRP) labelled conjugate is added. This conjugate binds to the captured antibodies. In a second washing step unbound conjugate is removed. The immune complex formed by the bound conjugate is visualized by adding Tetramethylbenzidine (TMB) substrate which gives a blue reaction product. The intensity of this product is proportional to the amount of specific antibodies in the sample. Sulphuric acid is added to stop the reaction. This produces a yellow endpoint color. Absorbance at 450/620 nm is read using an ELISA Microtiterplate reader.

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://www.aaabiotech.com/human-elisa-kits/herpes-simplex-virus-1-hsv-1-igg/72694>