

Human Helicobacter pylori IgG ELISA Kit

Helicobacter pylori IgG ELISA

CATALOG #
AAA72700

REACTIVITY
Human

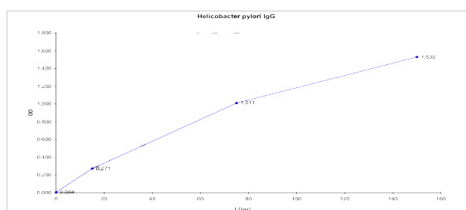
PRODUCT SYNONYMS

Helicobacter pylori IgG; Helicobacter pylori IgG ELISA; Helicobacter pylori 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 93.0% (95% confidence interval: 86.11% - 97.14%).
Samples	Human serum or plasma (citrate, heparin)
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Helicobacter pylori IgG elisa kit

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 colour. Absorbance at 450/620 nm is read using an ELISA Microtiterplate reader.

Intended Uses: The Helicobacter pylori IgG ELISA is intended for the determination of IgG class antibodies against Helicobacter pylori in human serum or plasma (citrate, heparin). For research use only - Not for use in test procedures.

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.