

Human West Nile Virus IgG ELISA Kit | IgG elisa kit

West Nile Virus IgG ELISA Kit

CATALOG #
AAA14220

REACTIVITY
Human

PRODUCT SYNONYMS

West Nile Virus IgG; West Nile Virus IgG ELISA Kit; IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum or plasma directed against West Nile virus
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit	Background: Besides the Dengue virus, the Yellow Fever virus and the TBE virus, the West Nile virus belongs to the human pathogenic species among the flaviviruses. Birds such as ravens and sparrows represent the natural reservoirs for the arbovirus (arthropode borne virus). Mosquitos of the genus Culex, Aedes and Ochlerotatus are the main vectors of the West Nile virus to humans. ELISA test systems are especially suited for the differential analysis of immunoglobulin classes directed against the virus. Principle of the Assay: The ELISA (Enzyme Linked Immunosorbent Assay) is an immunoassay, which is particularly suited to the determination of antibodies in various kinds of samples. The reaction is based on the specific interaction of antibodies with their corresponding antigen. The test strips of the microtiter plate are coated with specific antigens of the pathogen of interest. If antibodies in the sample are present, they bind to the fixed antigen. A secondary antibody, which has been conjugated with the enzyme alkaline phosphatase, detects and binds to the immune complex. The colourless substrate pnitrophenylphosphate is then converted into the coloured product p-nitrophenol. The signal intensity of this reaction product is proportional to the concentration of the analyte in the sample and is measured photometrically. Intended Uses: The West Nile Virus IgG and IgM tests are qualitative immunoassays for the demonstration of human antibodies in serum or plasma directed against West Nile virus.
Product Categories/Family for IgG elisa kit	Infectious Disease ; Research Assays ; Assay Categories

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/west-nile-virus-igg/14220>