

Human Aspergillus fumigatus IgM ELISA Kit

Aspergillus fumigatus IgM ELISA

CATALOG #
AAA72610

REACTIVITY
Human

PRODUCT SYNONYMS

Aspergillus fumigatus IgM; Aspergillus fumigatus IgM ELISA; Aspergillus fumigatus IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum and plasma
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for Aspergillus fumigatus IgM elisa kit	Intended Uses: Aspergillus fumigatus IgM Antibody ELISA Test Kit has been designed for the detection of IgM class antibodies against Aspergillus fumigatus in serum and plasma. For research use only - Principle of the Assay: The Aspergillus fumigatus IgM antibody test kit is based on the principle of the enzyme immunoassay (EIA). Aspergillus antigen is bound on the surface of the microtiter strips. Diluted serum or ready-to-use standards are pipetted into the wells of the microtiter plate. A binding between the IgM antibodies of the serum and the immobilized Aspergillus antigen takes place. After a one-hour incubation at room temperature, the plate is rinsed with diluted wash solution, in order to remove unbound material. Then ready-to-use anti-human-IgM peroxidase conjugate is added and incubated for 30 minutes. After a further washing step, the substrate (TMB) solution is pipetted and incubated for 20 minutes, inducing the development of a blue dye in the wells. The color development is terminated by the addition of a stop solution, which changes the color from blue to yellow. The resulting dye is measured spectrophotometrically at the wavelength of 450 nm. The concentration of the IgM antibodies is directly proportional to the intensity of the color.
Product Categories/Family for Aspergillus fumigatus IgM elisa kit	Infectious Disease ; Immunology ; 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/aspergillus-fumigatus-igm/72610>