

Human Immunoglobulin M, IgM ELISA Kit | IgM elisa kit

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CATALOG #
AAA79982

REACTIVITY
Human

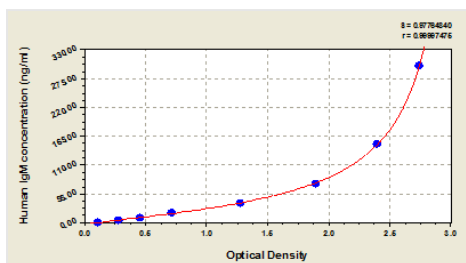
PRODUCT SYNONYMS

Immunoglobulin M; IgM; Human Immunoglobulin M; IgM ELISA Kit; IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	115
Samples	Serum, plasma, urine, tissue homogenates
Detection Range	4.68 ng/ml-300 ng/ml
Sensitivity	1.17 ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgM elisa kit

Introduction: Immunoglobulin M, or IgM for short, is a basic antibody that is present on B cells. It is the primary antibody against A and B antigens on red blood cells. IgM is by far the physically largest antibody in the human circulatory system. Because IgM is a large molecule, it cannot diffuse well, and is found in the interstitium only in very low quantities. IgM is primarily found in serum; however, because of the J chain, it is also important as a secretory immunoglobulin. Due to its polymeric nature, IgM possesses high avidity, and is particularly effective at complement activation.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with human IgM. Standards or samples are then added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) -conjugated antibody preparation specific for human IgM, mix well and incubated. The more the amount of human IgM in samples, the less HRP- conjugated antibody preparation specific for human IgM bound by pre-coated human IgM. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. And the color develops in opposite to the amount of human IgM in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	685030
NCBI Official Full Name	IgM, partial

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/immunoglobulin-m-igm/79982>