

Immunoglobulin M ELISA Kit | IgM elisa kit

Rat Immunoglobulin M ELISA Kit

CATALOG #
AAA37846

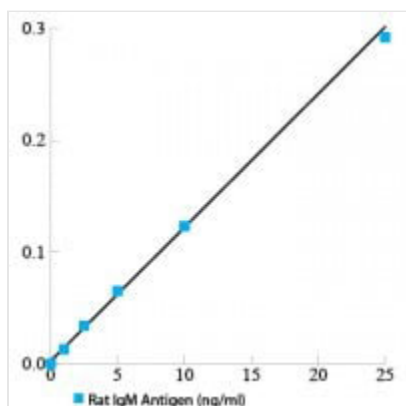
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Sequence Length	123
Preparation and Storage	Store at 4 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for IgM elisa kit

Immunoglobulin M (IgM) is the first immunoglobulin produced in the immune response and is the third most abundant immunoglobulin in serum. IgM is a disulfide-linked 970kDa pentamer that activates complement and is responsible for red blood cell agglutination. Each monomer consists of two mu heavy chains and two kappa or lambda light chains. The sensitive quantitative measurement of total rat IgM antigen in serum, plasma, hybridoma cell supernatants, ascites or other biological fluid samples is easily performed with this 96 well strip format ELISA kit. The kit does not cross react significantly with mouse, human, rabbit, rhesus monkey, horse, dog, sheep or pig IgM. The concentration of IgM in normal rat serum ranges from 0.2 to 0.5 mg/ml. The assay measures rat IgM in the 0.5-500 ng/ml range. Samples giving rat IgM levels above 500 ng/ml should be diluted in blocking buffer before use. A 1:1,000 to 1:10,000 dilution for normal rat serum or plasma is suggested for best results. Rat IgM will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, peroxidase labeled anti-rat IgM primary antibody binds to the captured protein. Excess antibody is washed away and TMB substrate is used for color development at 450nm. Color development is proportional to the concentration of rat IgM in the samples. A standard calibration curve is prepared in blocking buffer using dilutions of purified rat IgM and is measured along with the test samples. All reagents and standards are provided in these ELISA kits.

Product Categories/Family for IgM elisa kit

Immunoglobulin ELISA Kits; Rat Immunoglobulin ELISA Kits; Rat Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	1871477
NCBI Official Full Name	Immunoglobulin M, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/igm-elisa-kits/immunoglobulin-m/37846>