

Rat Major histocompatibility complex class I-related gene protein ELISA Kit | Mr1 elisa kit

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CATALOG #
AAA56083

REACTIVITY
Rat

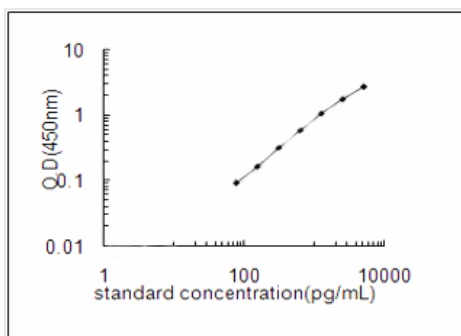
PRODUCT SYNONYMS

Major histocompatibility complex class I-related gene protein; Rat Major histocompatibility complex class I-related gene protein ELISA Kit; Mr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Major histocompatibility complex class I-related gene protein. No significant cross-reactivity or interference was observed.
Sequence Length	341
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.5 pg/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=9.5%
Recovery	97%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mr1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Major histocompatibility complex class I-related gene protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Major histocompatibility complex class I-related gene protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Major histocompatibility complex class I-related gene protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Major histocompatibility complex class I-related gene protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281306765
NCBI GeneID	25119
NCBI Accession #	NP_001094105.1
NCBI GenBank Nucleotide #	NM_001100635.1
UniProt Accession #	O19477
Molecular Weight	39,571 Da
NCBI Official Full Name	major histocompatibility complex class I-related gene protein
NCBI Official Synonym Full Names	major histocompatibility complex, class I-related
NCBI Official Symbol	Mr1
NCBI Official Synonym Symbols	Hlals
NCBI Protein Information	major histocompatibility complex class I-related gene protein
UniProt Protein Name	Major histocompatibility complex class I-related gene protein
UniProt Gene Name	Mr1
UniProt Synonym Gene Names	Hlals
UniProt Entry Name	HMR1_RAT

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://stage.aaabiotech.com/mr1-rat-elisa-kits/major-histocompatibility-complex-class-i-related-gene-protein/56083>