

Rat Microphthalmia-associated transcription factor ELISA Kit | Mitf elisa kit

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CATALOG #
AAA194963

REACTIVITY
Rat

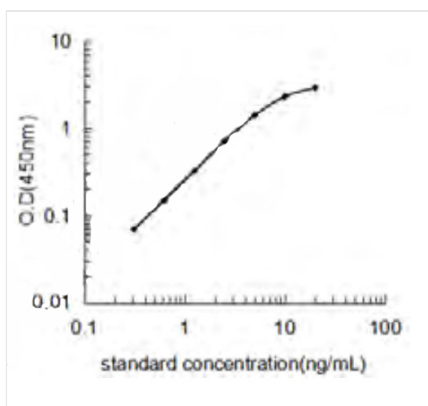
PRODUCT SYNONYMS

Microphthalmia-associated transcription factor; Rat Microphthalmia-associated transcription factor ELISA Kit; Mitf; Mitf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Microphthalmia-associated transcription factor
Sequence Length	110
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.156 ng/mL
Intra-assay Precision	<=4.8%
Inter-assay Precision	<=7.8%
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 Mitf elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124329
NCBI GeneID	25094
UniProt Accession #	O88368
Molecular Weight	13,155 Da
NCBI Official Full Name	Microphthalmia-associated transcription factor
NCBI Official Synonym Full Names	microphthalmia-associated transcription factor
NCBI Official Symbol	Mitf
NCBI Protein Information	microphthalmia-associated transcription factor
UniProt Protein Name	Microphthalmia-associated transcription factor
UniProt Gene Name	Mitf
UniProt Entry Name	MITF_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/mitf-rat-elisa-kits/microphthalmia-associated-transcription-factor/194963>