

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

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CATALOG #
AAA56972

REACTIVITY
Mouse

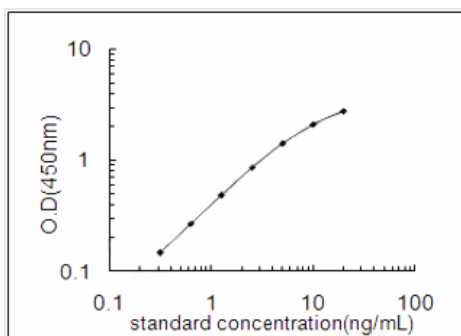
PRODUCT SYNONYMS

Microphthalmia-associated transcription factor; Mouse Microphthalmia-associated transcription factor ELISA Kit; Mitf; Bw; Mi; Vit; Mitf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Microphthalmia-associated transcription factor. No significant cross-reactivity or interference was observed.
Sequence Length	419
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.321 ng/mL
Intra-Assay CV	<=6.5%
Inter-Assay CV	<=8.0%
Recovery	89%
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	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Microphthalmia-associated transcription factor concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Microphthalmia-associated transcription factor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Microphthalmia-associated transcription factor 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 Microphthalmia-associated transcription factor, 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 Microphthalmia-associated transcription factor 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 #	6678884
NCBI GeneID	17342
NCBI Accession #	NP_032627.1
NCBI GenBank Nucleotide #	NM_008601.3
UniProt Accession #	Q08874; O08885; O88203; Q08843; Q60781; Q60782; Q9JIJ0; Q9JIJ1; Q9JIJ2; Q9JIJ3; Q9JIJ4; Q9JIJ5
Molecular Weight	46,136 Da
NCBI Official Full Name	microphthalmia-associated transcription factor isoform 2
NCBI Official Synonym Full Names	microphthalmia-associated transcription factor
NCBI Official Symbol	Mitf
NCBI Official Synonym Symbols	Wh; bw; mi; vit; BCC2; Bhlhe32; Gsfbcc2; Vitiligo
NCBI Protein Information	microphthalmia-associated transcription factor
UniProt Protein Name	Microphthalmia-associated transcription factor
UniProt Gene Name	Mitf
UniProt Synonym Gene Names	Bw; Mi; Vit
UniProt Entry Name	MITF_MOUSE

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.