

Mouse Melanophilin ELISA Kit | Mlph elisa kit

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CATALOG #
AAA196163

REACTIVITY
Mouse

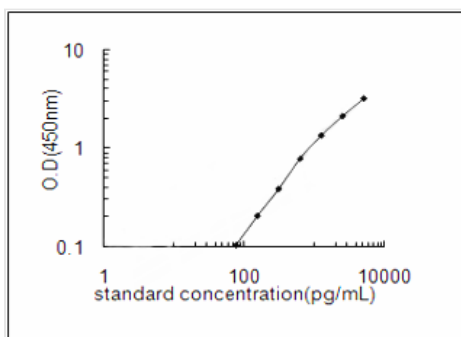
PRODUCT SYNONYMS

Melanophilin; Mouse Melanophilin ELISA Kit; Exophilin-3; Leaden protein; Slp homolog lacking C2 domains a; SlaC2-a; Synaptotagmin-like protein 2a; Mlph; Ln; Slac2a; Mlph elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Melanophilin. No significant cross-reactivity or interference was observed.
Sequence Length	590
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39 pg/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.8%
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 Mlph elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Melanophilin 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 Melanophilin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Melanophilin 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 Melanophilin, 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 Melanophilin 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 #	87080831
NCBI GeneID	171531
NCBI Accession #	NP_443748.2
NCBI GenBank Nucleotide #	NM_053015.3
Molecular Weight	65,052 Da
NCBI Official Full Name	melanophilin
NCBI Official Synonym Full Names	melanophilin
NCBI Official Symbol	Mlph
NCBI Official Synonym Symbols	ln; l1Rk3; Slac-2a; AW228792; D1Wsu84e; l(1)-3Rk; 2210418F23Rik; 5031433I09Rik
NCBI Protein Information	melanophilin
UniProt Protein Name	Melanophilin
UniProt Gene Name	Mlph
UniProt Synonym Gene Names	Ln; Slac2a; SlaC2-a
UniProt Entry Name	MELPH_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.