

Mouse Endosulfine Alpha (ENSa) ELISA Kit | ENSa elisa kit

Mouse Endosulfine Alpha (ENSa) ELISA Kit

CATALOG #
AAA65512

REACTIVITY
Mouse

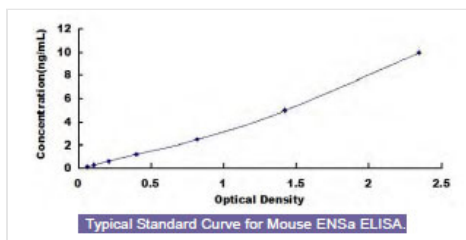
PRODUCT SYNONYMS

Endosulfine Alpha (ENSa); Mouse Endosulfine Alpha (ENSa) ELISA Kit; ENS-A; ARPP-19e; ENSa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ENSa. No significant cross-reactivity or interference between ENSa and analogues was observed.
Sequence Length	117
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ENSa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ENSa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENSa elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ENSa in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ENSa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ENSa. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ENSa, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ENSa in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	71061466
NCBI GeneID	56205
NCBI Accession #	NP_001021383.1
NCBI GenBank Nucleotide #	NM_001026212.1
UniProt Accession #	P60840; Q5D069; Q6PBG4; Q9CQZ9; Q9Z0G1
Molecular Weight	8,183 Da
NCBI Official Full Name	alpha-endosulfine isoform b
NCBI Official Synonym Full Names	endosulfine alpha
NCBI Official Symbol	Ensa
NCBI Official Synonym Symbols	AI451924; 1700020C18Rik; 2610007F17Rik
NCBI Protein Information	alpha-endosulfine
UniProt Protein Name	Alpha-endosulfine
UniProt Gene Name	Ensa

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.