

Mouse Alpha-endosulfine (ENSA) ELISA Kit | ENSA elisa kit

Mouse Alpha-endosulfine (ENSA) ELISA Kit

CATALOG #
AAA245654

REACTIVITY
Mouse

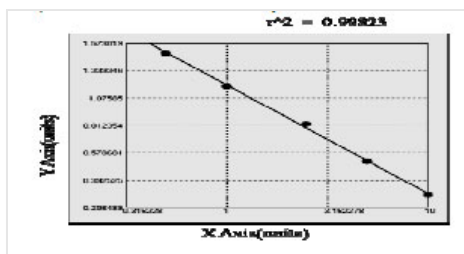
PRODUCT SYNONYMS

Alpha-endosulfine (ENSA); Mouse Alpha-endosulfine (ENSA) ELISA Kit; ENSA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENSA elisa kit

Intended Uses: This ENSAlpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ENSAlpha.

Principle of the Assay: ENSAlpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ENSAlpha antibody and an ENSAlpha-HRP conjugate. The assay sample and buffer are incubated together with ENSAlpha -HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ENSAlpha concentration since ENSAlpha from samples and ENSAlpha-HRP conjugate compete for the anti-ENSAlpha antibody binding site. Since the number of sites is limited, as more sites are occupied by ENSAlpha from the sample, fewer sites are left to bind ENSAlpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENSAlpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ENSA elisa kit

Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	2764974
NCBI GeneID	2029
UniProt Accession #	O43768; Q5T5H2; Q68D48; Q6FWH0; Q6IAM4; Q6NUL2; Q6VUC6; Q6VUC7; Q6VUC8; Q6VUC9; A8K1Z9; E9PB69
Molecular Weight	14,868 Da
NCBI Official Full Name	alpha endosulfine
NCBI Official Synonym Full Names	endosulfine alpha
NCBI Official Symbol	ENSA
NCBI Official Synonym Symbols	ARPP-19e
NCBI Protein Information	alpha-endosulfine
UniProt Protein Name	Alpha-endosulfine
UniProt Gene Name	ENSA
UniProt Entry Name	ENSA_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/alpha-endosulfine-ensa/245654>