

Human Alpha endosulfine (ENSA) ELISA Kit | ENSA elisa kit

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CATALOG #
AAA245437

REACTIVITY
Human

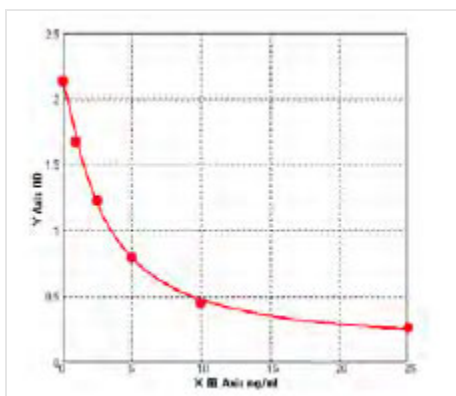
PRODUCT SYNONYMS

Alpha endosulfine (ENSA); Human Alpha endosulfine (ENSA) ELISA Kit; ENSA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ENSA and all the analogues, therefore, cross reaction may still exist in some cases.
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 ENSA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ENSA. This ELISA kit for research use only! Principle of the Assay: ENSA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ENSA antibody and an ENSA-HRP conjugate. The assay sample and buffer are incubated together with ENSA-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 ENSA concentration since ENSA from samples and ENSA-HRP conjugate compete for the anti-ENSA antibody binding site. Since the number of sites is limited, as more sites are occupied by ENSA from the sample, fewer sites are left to bind ENSA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENSA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ENSA elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4894374
NCBI GeneID	2029
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.