

Monkey Calcium-binding mitochondrial carrier protein SCaMC-2 (SLC25A25) ELISA Kit | SLC25A25 elisa kit

Monkey Calcium-binding mitochondrial carrier protein SCaMC-2 (SLC25A25) ELISA Kit

CATALOG # AAA247098	REACTIVITY Monkey
-------------------------------	-----------------------------

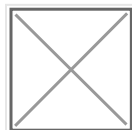
PRODUCT SYNONYMS

Calcium-binding mitochondrial carrier protein SCaMC-2 (SLC25A25); Monkey Calcium-binding mitochondrial carrier protein SCaMC-2 (SLC25A25) ELISA Kit; SLC25A25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of SLC25A25. No significant cross-reactivity or interference between SLC25A25 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SLC25A25 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 SLC25A25 elisa kit	Intended Uses: This SLC25A25 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey SLC25A25. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SLC25A25 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-SLC25A25 antibody and an SLC25A25-HRP conjugate. The assay sample and buffer are incubated together with SLC25A25-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 SLC25A25 concentration since SLC25A25 from samples and SLC25A25-HRP conjugate compete for the anti-SLC25A25 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLC25A25 from the sample, fewer sites are left to bind SLC25A25-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLC25A25 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SLC25A25 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	388453841
NCBI GeneID	114789
NCBI Accession #	NP_001252543.1
NCBI GenBank Nucleotide #	NM_001265614.2
Molecular Weight	40,589 Da
NCBI Official Full Name	calcium-binding mitochondrial carrier protein SCaMC-2 isoform 5
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25
NCBI Official Symbol	SLC25A25
NCBI Official Synonym Symbols	MCSC; PCSCL; SCAMC-2
NCBI Protein Information	calcium-binding mitochondrial carrier protein SCaMC-2; mitochondrial ATP-Mg/Pi carrier protein 3; short calcium-binding mitochondrial carrier 2; small calcium-binding mitochondrial carrier 2; solute carrier family 25, member 25, isoform a; mitochondrial Ca(2+)-dependent solute carrier protein 3
UniProt Protein Name	Calcium-binding mitochondrial carrier protein SCaMC-2
UniProt Gene Name	SLC25A25
UniProt Synonym Gene Names	APC3; KIAA1896; MCSC3; SCAMC2; UNQ549/PRO1106
UniProt Entry Name	SCMC2_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/monkey-elisa-kits/calcium-binding-mitochondrial-carrier-protein-scamc-2-slc25a25/247098>