

Human 14 3 3 protein sigma ELISA Kit | SFN elisa kit

Human 14 3 3 protein sigma ELISA Kit

CATALOG #
AAA245634

REACTIVITY
Human

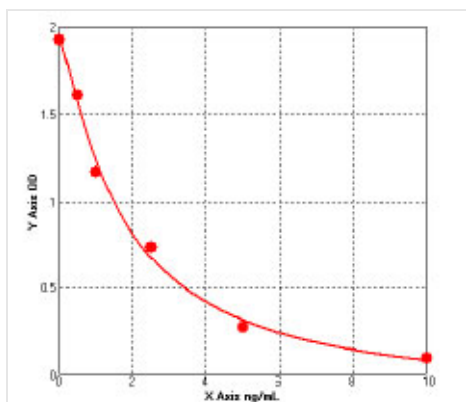
PRODUCT SYNONYMS

14 3 3 protein sigma; Human 14 3 3 protein sigma ELISA Kit; SFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFN elisa kit

Intended Uses: This YM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse YM1. This ELISA kit for research use only!

Principle of the Assay: YM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-YM1 antibody and an YM1-HRP conjugate. The assay sample and buffer are incubated together with YM1-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 YM1 concentration since YM1 from samples and YM1-HRP conjugate compete for the anti-YM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by YM1 from the sample, fewer sites are left to bind YM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The YM1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454052
NCBI GeneID	2810
NCBI Accession #	NP_006133.1
NCBI GenBank Nucleotide #	NM_006142.3
Molecular Weight	24,336 Da
NCBI Official Full Name	14-3-3 protein sigma
NCBI Official Synonym Full Names	stratifin
NCBI Official Symbol	SFN
NCBI Official Synonym Symbols	YWHAS
NCBI Protein Information	14-3-3 protein sigma; 14-3-3 sigma; epithelial cell marker protein 1
UniProt Protein Name	14-3-3 protein sigma
UniProt Gene Name	SFN
UniProt Synonym Gene Names	HME1
UniProt Entry Name	1433S_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.