

Mouse SHC-Transforming Protein 1 ELISA Kit | SHC1 elisa kit

Mouse SHC-Transforming Protein 1 (SHC1) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190086

REACTIVITY
Mouse

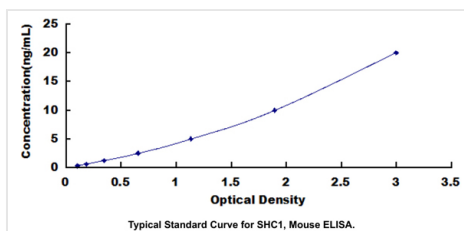
PRODUCT SYNONYMS

SHC-Transforming Protein 1; Mouse SHC-Transforming Protein 1 (SHC1) (Sandwich ELISA) ELISA Kit; SHC; SHCA; p52SHC; p66; p66SHC; SHC-transforming protein 3; SHC-transforming protein A; Src homology 2 domain-containing-transforming protein C1; ELISA Kit for SHC-Transforming Protein 1 (SHC1); SHC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SHC1. No significant cross-reactivity or interference between SHC1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SHC1 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 SHC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHC1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SHC1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SHC1. 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 SHC1, 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 SHC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SHC1 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for SHC1 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	164664522
NCBI GeneID	20416
NCBI Accession #	NP_001106802.1
NCBI GenBank Nucleotide #	NM_001113331.2
UniProt Accession #	P98083; Q3U2Q7; Q8BFY3; Q8K4C6; Q8K4C7
Molecular Weight	46,467 Da
NCBI Official Full Name	SHC-transforming protein 1 isoform a
NCBI Official Synonym Full Names	src homology 2 domain-containing transforming protein C1
NCBI Official Symbol	Shc1
NCBI Official Synonym Symbols	Shc; p66; ShcA; p66shc
NCBI Protein Information	SHC-transforming protein 1
UniProt Protein Name	SHC-transforming protein 1
UniProt Gene Name	Shc1
UniProt Synonym Gene Names	Shc; ShcA; SH2 domain protein C1
UniProt Entry Name	SHC1_MOUSE

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.