

Mouse Serpin H1 (SERPINH1) ELISA Kit | SERPINH1 elisa kit

Mouse Serpin H1 (SERPINH1) ELISA Kit

CATALOG #
AAA246938

REACTIVITY
Mouse

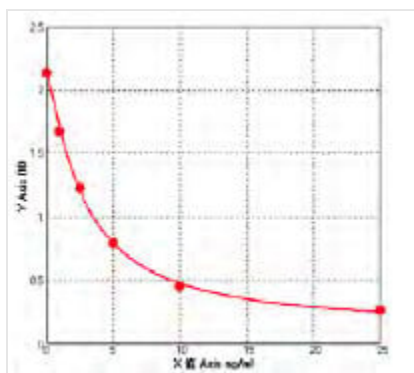
PRODUCT SYNONYMS

Serpin H1 (SERPINH1); Mouse Serpin H1 (SERPINH1) ELISA Kit; SERPINH1 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 SERPINH1 elisa kit

Intended Uses: This SERPINB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SERPINB1. This ELISA kit for research use only!

Principle of the Assay: SERPINB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SERPINB1 antibody and an SERPINB1-HRP conjugate. The assay sample and buffer are incubated together with SERPINB1-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 SERPINB1 concentration since SERPINB1 from samples and SERPINB1-HRP conjugate compete for the anti-SERPINB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SERPINB1 from the sample, fewer sites are left to bind SERPINB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SERPINB1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SERPINH1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360851
NCBI GeneID	871
NCBI Accession #	NP_001193943.1
NCBI GenBank Nucleotide #	NM_001207014.1
Molecular Weight	46,441 Da
NCBI Official Full Name	serpin H1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPR0M; RA-A47; SERPINH2
NCBI Protein Information	serpin H1; colligin-1; colligin-2; 47 kDa heat shock protein; arsenic-transactivated protein 3; rheumatoid arthritis antigen A-47; cell proliferation-inducing gene 14 protein; rheumatoid arthritis-related antigen RA-A47; serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1); serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 2, (collagen-binding protein 2)
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	CBP1; CBP2; HSP47; SERPINH2; PIG14; AsTP3; Colligin
UniProt Entry Name	SERPH_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/serpin-h1-serpinh1/246938>