

Mouse Serpin B12 (Serpina12) ELISA Kit | SerpinB12 elisa kit

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CATALOG #
AAA249770

REACTIVITY
Mouse

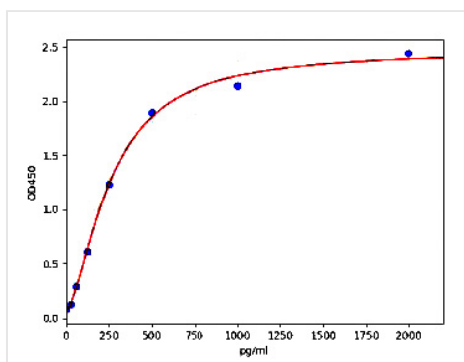
PRODUCT SYNONYMS

Serpin B12 (Serpina12); Mouse Serpin B12 (Serpina12) ELISA Kit; Serpin B12; SerpinB12; SerpinB12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Serpin B12. No significant cross-reactivity or interference between Serpin B12 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SerpinB12 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	312837068
NCBI GeneID	71869
NCBI Accession #	NP_001186142.1
NCBI GenBank Nucleotide #	NM_001199213.1
UniProt Accession #	Q9D7P9; Q6UKZ3
Molecular Weight	47,835 Da
NCBI Official Full Name	serpin B12
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 12
NCBI Official Symbol	Serpib12
NCBI Official Synonym Symbols	2300003F07Rik; 4833409F13Rik
NCBI Protein Information	serpin B12; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 12
UniProt Protein Name	Serpin B12
UniProt Gene Name	Serpib12
UniProt Entry Name	SPB12_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/serpin-b12-serpib12/249770>