

Mouse Serglycin (SRGN) ELISA Kit | SRGN elisa kit

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CATALOG #
AAA148608

REACTIVITY
Mouse

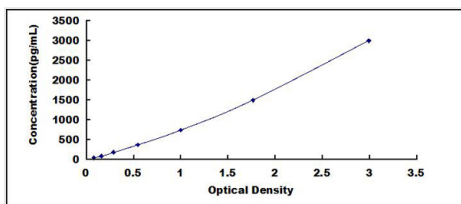
PRODUCT SYNONYMS

Serglycin (SRGN); Mouse Serglycin (SRGN) ELISA Kit; PRG; PPG; PRG1; proteoglycan 1; secretory granule; SRGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Serglycin (SRGN). No significant cross-reactivity or interference between Serglycin (SRGN) and analogues was observed.
Sequence Length	152
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	46.88-3,000pg/mL
Sensitivity	20.14pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Serglycin (SRGN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Serglycin (SRGN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRGN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serglycin (SRGN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Serglycin (SRGN). 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 Serglycin (SRGN), 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 Serglycin (SRGN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SRGN elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	6997243
NCBI GeneID	19073
NCBI Accession #	NP_035287.1
NCBI GenBank Nucleotide #	NM_011157.3
UniProt Accession #	P13609; Q3TZD4; Q8C2U2
Molecular Weight	16,711 Da
NCBI Official Full Name	serglycin
NCBI Official Synonym Full Names	serglycin
NCBI Official Symbol	Srgn
NCBI Official Synonym Symbols	Prg; Sgc; Prg1
NCBI Protein Information	serglycin
UniProt Protein Name	Serglycin
UniProt Gene Name	Srgn
UniProt Synonym Gene Names	Prg; Prg1

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/serglycin-srgn/148608>