

Sheep Neuroendocrine protein 7B2 (SCG5) ELISA Kit | SCG5 elisa kit

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CATALOG # AAA245597	REACTIVITY Sheep
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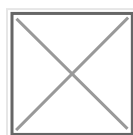
PRODUCT SYNONYMS

Neuroendocrine protein 7B2 (SCG5); Sheep Neuroendocrine protein 7B2 (SCG5) ELISA Kit; SCG5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This SCG5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep SCG5. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCG5 elisa kit	Principle of the assay: SCG5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCG5 antibody and an SCG5-HRP conjugate. The assay sample and buffer are incubated together with SCG5-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 SCG5 concentration since SCG5 from samples and SCG5-HRP conjugate compete for the anti-SCG5 antibody binding site. Since the number of sites is limited, as more sites are occupied by SCG5 from the sample, fewer sites are left to bind SCG5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCG5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SCG5 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	221139785
NCBI GeneID	6447
NCBI Accession #	NP_001138229.1

NCBI GenBank Nucleotide #	NM_001144757.1
Molecular Weight	23,659 Da
NCBI Official Full Name	neuroendocrine protein 7B2 isoform 1
NCBI Official Synonym Full Names	secretogranin V (7B2 protein)
NCBI Official Symbol	SCG5
NCBI Official Synonym Symbols	7B2; SgV; P7B2; SGNE1
NCBI Protein Information	neuroendocrine protein 7B2; secretogranin-5; pituitary polypeptide; prohormone convertase chaperone; secretory granule endocrine protein I; secretory granule, neuroendocrine protein 1 (7B2 protein)
UniProt Protein Name	Neuroendocrine protein 7B2
UniProt Gene Name	SCG5
UniProt Synonym Gene Names	SGNE1
UniProt Entry Name	7B2_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.

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Online datasheet: <https://stage.aaabiotech.com/sheep-elisa-kits/neuroendocrine-protein-7b2-scg5/245597>