

Rat prestin (Slc26a5) ELISA Kit | Slc26a5 elisa kit

Rat prestin (Slc26a5) ELISA Kit

CATALOG #
AAA249844

REACTIVITY
Rat

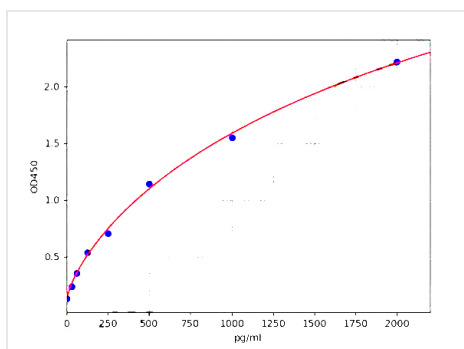
PRODUCT SYNONYMS

prestin (Slc26a5); Rat prestin (Slc26a5) ELISA Kit; Prestin; Solute carrier family 26 member 5; Pres; Slc26a5; Slc26a5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Prestin. No significant cross-reactivity or interference between Prestin and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
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 Slc26a5 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 #	13540646
NCBI GeneID	83819
NCBI Accession #	NP_110467.1
NCBI GenBank Nucleotide #	NM_030840.1
UniProt Accession #	Q9EPH0; Q9ERC6
Molecular Weight	81,279 Da
NCBI Official Full Name	prestin
NCBI Official Synonym Full Names	solute carrier family 26 member 5
NCBI Official Symbol	Slc26a5
NCBI Official Synonym Symbols	Pres; prestin
NCBI Protein Information	prestin
UniProt Protein Name	Prestin
UniProt Gene Name	Slc26a5
UniProt Synonym Gene Names	Pres

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/rat-elisa-kits/prestin-slc26a5/249844>