

Human Prestin (PRES) ELISA Kit | PRES elisa kit

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CATALOG #
AAA11374

REACTIVITY
Human

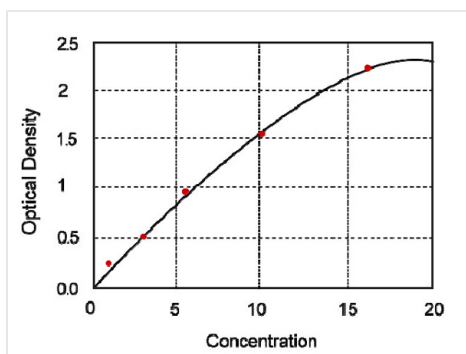
PRODUCT SYNONYMS

Prestin (PRES); Human Prestin (PRES) ELISA Kit; PRES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	744
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-3000pg/ml
Sensitivity	4.87pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRES elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PRES antibody. PRES present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PRES Antibody is added and binds to PRES in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PRES antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PRES. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Prestin (also known as PRES) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/prestin-pres/11374>