

Rat Pendrin ELISA Kit | Slc26a4 elisa kit

Rat Pendrin ELISA Kit

CATALOG #
AAA192583

REACTIVITY
Rat

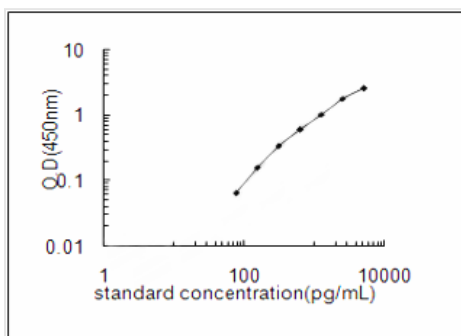
PRODUCT SYNONYMS

Pendrin; Rat Pendrin ELISA Kit; Sodium-independent chloride/iodide transporter; Solute carrier family 26 member 4; Slc26a4; Pds; Slc26a4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Pendrin. No significant cross-reactivity or interference was observed.
Sequence Length	780
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.8 pg/mL
Intra-Assay CV	<=4.2%
Inter-Assay CV	<=6.7%
Recovery	88%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc26a4 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Pendrin concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pendrin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Pendrin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Pendrin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Pendrin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506965
NCBI GeneID	29440
NCBI Accession #	NP_062087.1
NCBI GenBank Nucleotide #	NM_019214.1
UniProt Accession #	Q9R154
Molecular Weight	85,715 Da
NCBI Official Full Name	pendrin
NCBI Official Synonym Full Names	solute carrier family 26 member 4
NCBI Official Symbol	Slc26a4
NCBI Official Synonym Symbols	Pds
NCBI Protein Information	pendrin
UniProt Protein Name	Pendrin
UniProt Gene Name	Slc26a4
UniProt Synonym Gene Names	Pds
UniProt Entry Name	S26A4_RAT

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://www.aaabiotech.com/slc26a4-rat-elisa-kits/pendrin/192583>