

Human Porimin ELISA Kit | TMEM123 elisa kit

Human Porimin (TMEM123) ELISA Kit

CATALOG #
AAA55753

REACTIVITY
Human

PRODUCT SYNONYMS

Porimin; Human Porimin (TMEM123) ELISA Kit; TMEM123 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TMEM123. No significant cross-reactivity or interference between Human TMEM123 and analogues was observed.
Sequence Length	208
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TMEM123 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TMEM123 in Human serum, plasma, tissue homogenates. An antibody specific for TMEM123 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM123 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM123 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TMEM123 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Porimin (TMEM123) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	100913218
NCBI GeneID	114908
NCBI Accession #	NP_443164.2
NCBI GenBank Nucleotide #	NM_052932.2

UniProt Accession #	Q8N131; Q8IWS2; Q96QV2
Molecular Weight	19,678 Da
NCBI Official Full Name	porimin
NCBI Official Synonym Full Names	transmembrane protein 123
NCBI Official Symbol	TMEM123
NCBI Official Synonym Symbols	KCT3; PORMIN; PORIMIN
NCBI Protein Information	porimin
UniProt Protein Name	Porimin
UniProt Gene Name	TMEM123
UniProt Synonym Gene Names	KCT3; KCT-3

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/tmem123-human-elisa-kits/porimin/55753>