

Human Transmembrane protein 132A (TMEM132A) ELISA Kit | TMEM132A elisa kit

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CATALOG #
AAA56037

REACTIVITY
Human

PRODUCT SYNONYMS

Transmembrane protein 132A (TMEM132A); Human Transmembrane protein 132A (TMEM132A) ELISA Kit; DKFZp547E212; FLJ20539; GBP; HSPA5BP1; MGC138669; GRP78-binding protein; glucose-regulated protein; 78kDa; heat shock 70kDa protein 5 (glucose-regulated protein; 78kDa) binding protein 1; heat shock 70; TMEM132A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TMEM132A. No significant cross-reactivity or interference between Human TMEM132A and analogues was observed.
Sequence Length	1024
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL
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 TMEM132A elisa kit

Intended Uses: For the quantitative detection of Human Transmembrane protein 132A (TMEM132A) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TMEM132A in Human serum, plasma. An antibody specific for TMEM132A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM132A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM132A 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 TMEM132A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089935
NCBI GeneID	54972
NCBI Accession #	NP_060340.2

NCBI GenBank Nucleotide #	NM_017870.3
UniProt Accession #	Q24JP5 ; Q69YU7 ; Q86VZ8 ; Q86W97 ; Q9H8K3 ; Q9HCI9 ; Q9NWY0
Molecular Weight	83,098 Da
NCBI Official Full Name	transmembrane protein 132A isoform a
NCBI Official Synonym Full Names	transmembrane protein 132A
NCBI Official Symbol	TMEM132A
NCBI Official Synonym Symbols	GBP; HSPA5BP1
NCBI Protein Information	transmembrane protein 132A
UniProt Protein Name	Transmembrane protein 132A
UniProt Gene Name	TMEM132A
UniProt Synonym Gene Names	HSPA5BP1; KIAA1583

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/human-elisa-kits/transmembrane-protein-132a-tmем132a/56037>