

Human Cell cycle control protein 50A (TMEM30A) ELISA Kit | TMEM30A elisa kit

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CATALOG #
AAA247046

REACTIVITY
Human

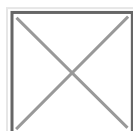
PRODUCT SYNONYMS

Cell cycle control protein 50A (TMEM30A); Human Cell cycle control protein 50A (TMEM30A) ELISA Kit; TMEM30A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMEM30A. No significant cross-reactivity or interference between TMEM30A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TMEM30A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMEM30A elisa kit	Principle of the Assay: TMEM30A ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TMEM30A antibody and an TMEM30A-HRP conjugate. The assay sample and buffer are incubated together with TMEM30A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TMEM30A concentration since TMEM30A from samples and TMEM30A-HRP conjugate compete for the anti-TMEM30A antibody binding site. Since the number of sites is limited, as more sites are occupied by TMEM30A from the sample, fewer sites are left to bind TMEM30A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMEM30A concentration in each sample is interpolated from this standard curve. Intended Uses: This TMEM30A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TMEM30A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TMEM30A elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	221139888
NCBI GeneID	55754
NCBI Accession #	NP_001137430.1
NCBI GenBank Nucleotide #	NM_001143958.1
Molecular Weight	27,729 Da
NCBI Official Full Name	cell cycle control protein 50A isoform 2
NCBI Official Synonym Full Names	transmembrane protein 30A
NCBI Official Symbol	TMEM30A
NCBI Official Synonym Symbols	CDC50A; C6orf67
NCBI Protein Information	cell cycle control protein 50A; P4-ATPase flippase complex beta subunit TMEM30A
UniProt Protein Name	Cell cycle control protein 50A
UniProt Gene Name	TMEM30A
UniProt Synonym Gene Names	C6orf67; CDC50A
UniProt Entry Name	CC50A_HUMAN

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/cell-cycle-control-protein-50a-tmем30a/247046>