Human POTEG (POTE Ankyrin Domain Family Member G) ELISA Kit | POTEG elisa kit

Human POTEG (POTE Ankyrin Domain Family Member G)

CATALOG #	REACTIVITY
AAA102605	**Human**

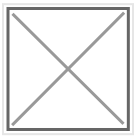
PRODUCT SYNONYMS

POTEG (POTE Ankyrin Domain Family Member G); Human POTEG (POTE Ankyrin Domain Family Member G); ANKRD26-like family C member 2/POTE-14/A26C2/POTE14; POTEG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of POTEG . No significant cross-reactivity or interference between POTEG and analogues was observed.
Sequence Length	508
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level POTEGwere tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level POTEGwere tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POTEG elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-POTEGantibody was pre-coated onto 96-well plates. And the biotin conjugated anti- POTEG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the POTEG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of POTEG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52856434
NCBI GeneID	404785
NCBI Accession #	NP_001005356.1
NCBI GenBank Nucleotide #	NM_001005356.2
Molecular Weight	36,537 Da
NCBI Official Full Name	POTE ankyrin domain family member G
NCBI Official Synonym Full Names	POTE ankyrin domain family member G
NCBI Official Symbol	POTEG
NCBI Official Synonym Symbols	A26C2; ACTBL1; POTE14; POTE22; CT104.4; POTE-14; POTE14alpha
NCBI Protein Information	POTE ankyrin domain family member G
UniProt Protein Name	POTE ankyrin domain family member G
UniProt Gene Name	**POTEG**
UniProt Synonym Gene Names	A26C2; POTE14; POTE-14
UniProt Entry Name	POTEG_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/poteg-pote-ankyrin-domain-family-member-g/102605