

Human POTE Ankyrin Domain Family, Member G (POTEG) CLIA Kit | POTEG clia kit

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CATALOG #
AAA130509

REACTIVITY
Human

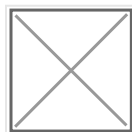
PRODUCT SYNONYMS

POTE Ankyrin Domain Family; Member G (POTEG); Human POTE Ankyrin Domain Family; Member G (POTEG) CLIA Kit; A26C2; POTE14; POTE14a; CT104.4; ANKRD26-Like Family C Member 2; Cancer/Testis Antigen Family 104; Member 4; Prostate; ovary; testis-expressed protein on chromosome 14; POTEG clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of POTE Ankyrin Domain Family, Member G (POTEG). No significant cross-reactivity or interference between POTE Ankyrin Domain Family, Member G (POTEG) and analogues was observed.
Sequence Length	508
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	11.2pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level POTE Ankyrin Domain Family, Member G (POTEG) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level POTE Ankyrin Domain Family, Member G (POTEG) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POTEG clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to POTE Ankyrin Domain Family, Member G (POTEG). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to POTE Ankyrin Domain Family, Member G (POTEG). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the POTE Ankyrin Domain Family, Member G (POTEG) level in the sample or standard.;
Product Categories/Family for POTEG clia kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	52856434
NCBI GeneID	404785
NCBI Accession #	NP_001005356.1
NCBI GenBank Nucleotide #	NM_001005356.2
UniProt Accession #	Q6S5H5; Q6S5H6; Q6S8J2; A1L153; A6NMI9
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-clia-kits/pote-ankyrin-domain-family-member-g-poteg/130509>