

Human POTEE (POTE ankyrin domain family member E) ELISA Kit | POTEE elisa kit

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CATALOG #
AAA277797

REACTIVITY
Human

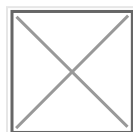
PRODUCT SYNONYMS

POTEE (POTE ankyrin domain family member E); Human POTEE (POTE ankyrin domain family member E) ELISA Kit; A26C1; A26C1A; CT104.2; POTE-2; POTE2; POTE2gamma; POTEE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human POTEE. No significant cross-reactivity or interference between Human POTEE and analogues was observed.
Assay Type	Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	16.1 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POTEE elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human POTEE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human POTEE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human POTEE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Human POTEE in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134133226
NCBI GeneID	445582
NCBI Accession #	NP_001077007.1

NCBI GenBank Nucleotide #	NM_001083538.1
UniProt Accession #	Q6S8J3 ; Q6S8J4 ; Q6S8J5 ; Q6S8J8
Molecular Weight	121,363 Da
NCBI Official Full Name	POTE ankyrin domain family member E
NCBI Official Synonym Full Names	POTE ankyrin domain family, member E
NCBI Official Symbol	POTEE
NCBI Official Synonym Symbols	A26C1; POTE2; A26C1A; POTE-2; CT104.2; POTE2gamma
NCBI Protein Information	POTE ankyrin domain family member E; ANKRD26-like family C member 1A; ANKRD26-like family C, member 1A; cancer/testis antigen family 104, member 2; prostate, ovary, testis-expressed protein on chromosome 2; protein expressed in prostate, ovary, testis, an
UniProt Protein Name	POTE ankyrin domain family member E
UniProt Gene Name	POTEE
UniProt Synonym Gene Names	A26C1A; POTE2; POTE-2
UniProt Entry Name	POTEE_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/potee-pote-ankyrin-domain-family-member-e/277797>