Human folate hydrolase (prostate-specific membrane antigen) 1 ELISA Kit | FOLH1 elisa kit

Human Glutamate carboxypeptidase 2, FOLH1 ELISA Kit

CATALOG #	REACTIVITY
AAA18017	**Human**

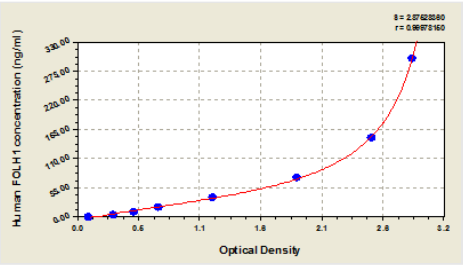
PRODUCT SYNONYMS

folate hydrolase (prostate-specific membrane antigen) 1; Human Glutamate carboxypeptidase 2; FOLH1 ELISA Kit; Human Glutamate carboxypeptidase 2 (FOLH1) ELISA kit; FGCP; FOLH; GCP2; GCPII; NAALAD1; NAALAdase; PSM; PSMA; mGCP; N-acetylated alpha-linked acidic dipeptidase 1; cell growth-inhibiting protein 27; folate hydrolase 1; folylpoly-gamma-glutamate carboxypep; FOLH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FOLH1. No significant cross-reactivity or interference between human FOLH1 and analogues was observed.
Sequence Length	719
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	4.7 ng/ml-300 ng/ml
Sensitivity	< 1.2 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOLH1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FOLH1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FOLH1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FOLH1 is added to the wells. After washing, avidin 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 FOLH1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62548858
NCBI GeneID	2346
NCBI Accession #	NP_001014986.1
NCBI GenBank Nucleotide #	NM_001014986.1
UniProt Accession #	Q04609; O43748; Q16305; Q541A4; Q8TAY3; Q9NP15; A4UU12; A9CB79; B7Z312; B7Z343; D3DQS5; E9PDX8
Molecular Weight	84,331 Da
NCBI Official Full Name	glutamate carboxypeptidase 2 isoform 2
NCBI Official Synonym Full Names	folate hydrolase (prostate-specific membrane antigen) 1
NCBI Official Symbol	FOLH1
NCBI Official Synonym Symbols	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALAdase
NCBI Protein Information	glutamate carboxypeptidase 2; NAALADase I; glutamate carboxylase II; glutamate carboxypeptidase II; membrane glutamate carboxypeptidase; cell growth-inhibiting gene 27 protein; folylpoly-gamma-glutamate carboxypeptidase; prostate specific membrane antigen variant F; pteroylpoly-gamma-glutamate carboxypeptidase; N-acetylated alpha-linked acidic dipeptidase 1; N-acetylated-alpha-linked acidic dipeptidase I
UniProt Protein Name	Glutamate carboxypeptidase 2
UniProt Gene Name	**FOLH1**
UniProt Synonym Gene Names	FOLH; NAALAD1; PSM; PSMA; GIG27; FGCP; GCPII; mGCP; NAALADase I; PSM; PSMA
UniProt Entry Name	FOLH1_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/folh1-human-elisa-kits/folate-hydrolase-prostate-specific-membrane-antigen-1/18017