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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FastELISA™ PSMA (Human) ELISA Kit

Catalog # KA7065

Size 1 Kit

Specification

Product Description	FastELISA™ PSMA (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human PSMA (Prostate specific membrane antigen) in Serum, plasma.
Suitable Sample	Serum, plasma
Sample Volume	50 μ L
Detection Method	Colormetric
Assay Type	Quantitative
Calibration Range	0.63-40 ng/mL
Limit of Detection	0.165 ng/mL
Specificity	This assay is highly specific for detection of Human PSMA. No significant cross-reactivity or interference between Human PSMA and analogues was observed.
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — FOLH1

Entrez GeneID [2346](#)

Gene Name FOLH1

Gene Alias	FGCP, FOLH, GCP2, GCPII, NAALAD1, NAALAdase, PSM, PSMA, mGCP
Gene Description	folate hydrolase (prostate-specific membrane antigen) 1
Omim ID	600934
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family. The protein acts as a glutamate carboxypeptidase on different alternative substrates, including the nutrient folate and the neuropeptide N-acetyl-L-aspartyl-L-glutamate and is expressed in a number of tissues such as prostate, central and peripheral nervous system and kidney. A mutation in this gene may be associated with impaired intestinal absorption of dietary folates, resulting in low blood folate levels and consequent hyperhomocysteinemia. Expression of this protein in the brain may be involved in a number of pathological conditions associated with glutamate excitotoxicity. In the prostate the protein is up-regulated in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer. This gene likely arose from a duplication event of a nearby chromosomal region. Alternative splicing gives rise to multiple transcript variants. [provided by RefSeq]
Other Designations	N-acetylated alpha-linked acidic dipeptidase 1 cell growth-inhibiting protein 27 folate hydrolase 1 folylpoly-gamma-glutamate carboxypeptidase glutamate carboxylase II glutamate carboxypeptidase III membrane glutamate carboxypeptidase prostate specific mem

Disease

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