Human Phosphoserine Aminotransferase (PSAT1) ELISA Kit | PSAT1 elisa kit

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CATALOG #	REACTIVITY
AAA331274	**Human**

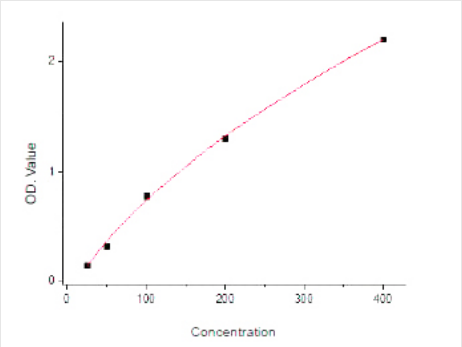
PRODUCT SYNONYMS

Phosphoserine Aminotransferase (PSAT1); Human Phosphoserine Aminotransferase (PSAT1) ELISA Kit; PSAT1; EPIP; MGC1460; PSA; PSAT; endometrial progesterone-induced protein; PSAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	370
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSAT1 elisa kit	Principle of the Assay: Human Phosphoserine Aminotransferase (PSAT1) ELISA Kit employs a two-site sandwich ELISA to quantitate PSAT1 in samples. An antibody specific for PSAT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSAT1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PSAT1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PSAT1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background/Introduction: Phosphoserine aminotransferase (PSA) also known as phosphohydroxythreonine aminotransferase (PSAT) is an enzyme that in humans is encoded by the PSAT1 gene. The protein encoded by this gene is likely a phosphoserine aminotransferase, based on similarity to proteins in mouse, rabbit, and Drosophila. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54292132

NCBI GeneID	107272
NCBI Accession #	NP_803155.1
NCBI GenBank Nucleotide #	NP_803155.1
UniProt Accession #	Q99K85
NCBI Official Full Name	phosphoserine aminotransferase isoform 1
NCBI Official Synonym Full Names	phosphoserine aminotransferase 1
NCBI Official Symbol	Psat1
NCBI Official Synonym Symbols	PSA; EPIP; Psat; D8Ertd814e
NCBI Protein Information	phosphoserine aminotransferase
UniProt Protein Name	Phosphoserine aminotransferase
UniProt Gene Name	**Psat1**
UniProt Synonym Gene Names	Psa; Psat; PSAT; EPIP

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/phosphoserine-aminotransferase-psat1/331274