

Human Serine--pyruvate aminotransferase, AGXT ELISA Kit | AGXT elisa kit

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CATALOG #
AAA123665

REACTIVITY
Human

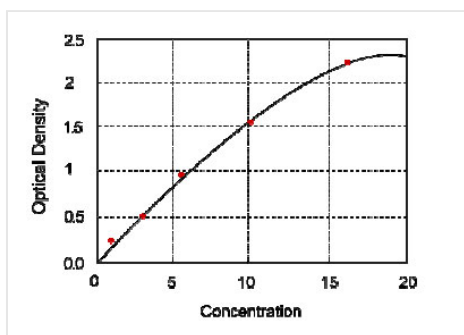
PRODUCT SYNONYMS

Serine--pyruvate aminotransferase; AGXT; Human Serine--pyruvate aminotransferase; AGXT ELISA Kit; AGXT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	392
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	9.13ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGXT elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human AGXT antibody. AGXT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human AGXT Antibody is added and binds to AGXT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AGXT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human AGXT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Serine--pyruvate aminotransferase (also known as AGXT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557289
NCBI GeneID	189
NCBI GenBank Nucleotide #	NP_000021.1
UniProt Accession #	P21549
NCBI Official Full Name	serine--pyruvate aminotransferase
NCBI Official Synonym Full Names	alanine--glyoxylate and serine--pyruvate aminotransferase
NCBI Official Symbol	AGXT
NCBI Official Synonym Symbols	AGT; PH1; SPT; AGT1; SPAT; TLH6; AGXT1
NCBI Protein Information	serine--pyruvate aminotransferase
UniProt Protein Name	Serine--pyruvate aminotransferase
UniProt Gene Name	AGXT
UniProt Synonym Gene Names	AGT1; SPAT; SPT; AGT

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.