

Pig Alanine aminotransferase 1 ELISA Kit | GPT elisa kit

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CATALOG #
AAA309954

REACTIVITY
Pig

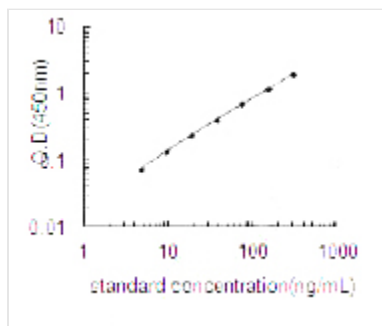
PRODUCT SYNONYMS

Alanine aminotransferase 1; Pig Alanine aminotransferase 1 ELISA Kit; ALT1; Glutamate pyruvate transaminase 1; GPT 1; Glutamic--alanine transaminase 1; Glutamic--pyruvic transaminase 1; GPT; AAT1; GPT1; 2.6.1.2; GPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig ALT1. No significant cross-reactivity or interference was observed. Note?Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between pig ALT1 and all the analogues, therefore, cross reaction may still exist.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	4.69 ng/mL -300 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPT elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig alanine aminotransferase 1,ALT1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ALT1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ALT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of ALT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	113565
NCBI GeneID	100524618
UniProt Accession #	P13191
Molecular Weight	2,218 Da
NCBI Official Full Name	Alanine aminotransferase 1
NCBI Official Symbol	GPT
NCBI Official Synonym Symbols	AAT1; ALT1; GPT1
NCBI Protein Information	alanine aminotransferase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	GPT
UniProt Synonym Gene Names	AAT1; GPT1; ALT1; GPT 1

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/gpt-pig-elisa-kits/alanine-aminotransferase-1/309954>