

Human Alanine Aminotransferase (ALT) RTU ELISA Kit | ALT rtu elisa kit

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CATALOG #
AAA69035

REACTIVITY
Human

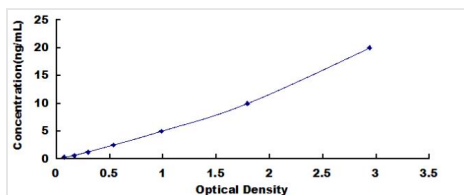
PRODUCT SYNONYMS

Alanine Aminotransferase (ALT); Human Alanine Aminotransferase (ALT) ELISA Kit; GPT; ALAT; SGPT; AAT1; GPT1; Serum Glutamic Pyruvic Transaminase; Alanine Transaminase; Glutamate pyruvate transaminase 1; Glutamic--alanine transaminase 1; ALT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	496
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.132ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ALT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ALT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885351
NCBI GeneID	2875
NCBI Accession #	NP_005300.1
NCBI GenBank Nucleotide #	NM_005309.2
UniProt Accession #	P24298; P78398; Q93076; B0YJ18; D3DWM7
Molecular Weight	54,637 Da
NCBI Official Full Name	alanine aminotransferase 1
NCBI Official Synonym Full Names	glutamic--pyruvic transaminase
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://www.aaabiotech.com/human-rtu-elisa-kits/alanine-aminotransferase-alt/69035>