

Monkey Alanine aminotransferase 2 (GPT2) ELISA Kit | GPT2 elisa kit

Monkey Alanine aminotransferase 2 (GPT2) ELISA Kit

CATALOG #
AAA245123

REACTIVITY
Monkey

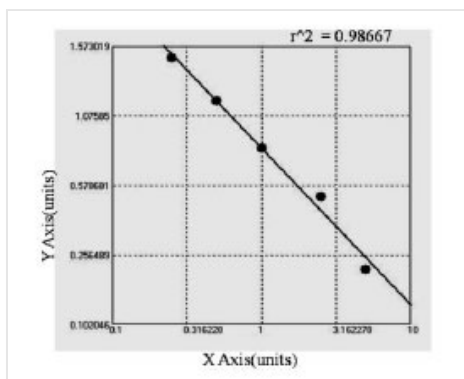
PRODUCT SYNONYMS

Alanine aminotransferase 2 (GPT2); Monkey Alanine aminotransferase 2 (GPT2) ELISA Kit; GPT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPT2 elisa kit

Intended Uses: This GPT2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GPT2. This ELISA kit for research use only!

Principle of the Assay: GPT2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPT2 antibody and an GPT2-HRP conjugate. The assay sample and buffer are incubated together with GPT2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GPT2 concentration since GPT2 from samples and GPT2-HRP conjugate compete for the anti-GPT2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPT2 from the sample, fewer sites are left to bind GPT2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPT2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599424
NCBI GeneID	84706
NCBI Accession #	NP_001135938.1
NCBI GenBank Nucleotide #	NM_001142466.1
Molecular Weight	46,983 Da
NCBI Official Full Name	alanine aminotransferase 2 isoform 2
NCBI Official Synonym Full Names	glutamic pyruvate transaminase (alanine aminotransferase) 2
NCBI Official Symbol	GPT2
NCBI Official Synonym Symbols	ALT2
NCBI Protein Information	alanine aminotransferase 2; GPT 2; glutamic--alanine transaminase 2; glutamic--pyruvic transaminase 2; glutamic-pyruvate transaminase 2; glutamate pyruvate transaminase 2
UniProt Protein Name	Alanine aminotransferase 2
UniProt Gene Name	GPT2
UniProt Synonym Gene Names	AAT2; ALT2; ALT2; GPT 2
UniProt Entry Name	ALAT2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monkey-elisa-kits/alanine-aminotransferase-2-gpt2/245123>