

Pig colipase, pancreatic ELISA Kit | CLPS elisa kit

Pig Colipase, CLPS ELISA Kit

CATALOG #
AAA112563

REACTIVITY
Pig

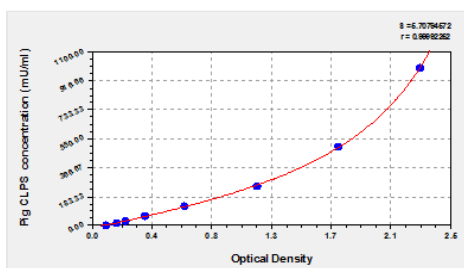
PRODUCT SYNONYMS

colipase; pancreatic; Pig Colipase; CLPS ELISA Kit; Pig Colipase (CLPS) ELISA kit; pancreatic colipase preproprotein; CLPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig CLPS. No significant cross-reactivity or interference between pig CLPS and analogues was observed.
Sequence Length	112
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	15.6 mU/ml-1000 mU/ml.
Sensitivity	3.9 mU/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLPS elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLPS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLPS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLPS is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLPS bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523482
NCBI GeneID	397407
NCBI Accession #	NP_999368.1
NCBI GenBank Nucleotide #	NM_214203.1
UniProt Accession #	P02703; Q3I5G6; Q9N1T6
Molecular Weight	12,140 Da
NCBI Official Full Name	colipase
NCBI Official Symbol	CLPS
NCBI Protein Information	colipase; procolipase II; pancreatic colipase
UniProt Protein Name	Colipase
UniProt Gene Name	CLPS
UniProt Entry Name	COL_PIG

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/clps-pig-elisa-kits/colipase-pancreatic/112563>