

Pig Colipase ELISA Kit | CLPS elisa kit

Pig Colipase (CLPS) ELISA Kit

CATALOG # AAA55479	REACTIVITY Pig
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PRODUCT SYNONYMS

Colipase; Pig Colipase (CLPS) ELISA Kit; 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 and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CLPS elisa kit	Intended Uses: For the quantitative detection of Pig Colipase (CLPS) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CLPS in Pig serum, plasma, tissue homogenates. An 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, Streptavidin 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.
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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
UniProt Protein Name	Colipase
UniProt Gene Name	CLPS

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/clps-pig-elisa-kits/colipase/55479>