

Dog trypsin ELISA Kit | trypsin elisa kit

Canine trypsin ELISA Kit

CATALOG #
AAA79608

REACTIVITY
Dog

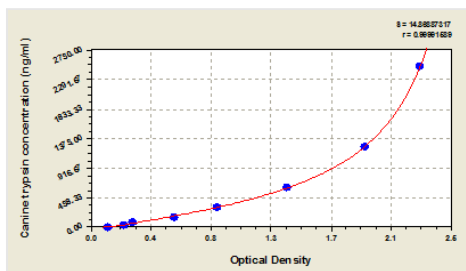
PRODUCT SYNONYMS

trypsin; Canine trypsin ELISA Kit; trypsin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine trypsin. No significant cross-reactivity or interference between canine trypsin and analogues was observed.
Sequence Length	274
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	39 ng/ml -2500 ng/ml.
Sensitivity	The minimum detectable dose of canine trypsin is typically less than 9.75 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 trypsin elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for trypsin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any trypsin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for trypsin 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 trypsin 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 #	410330
UniProt Accession #	P35035; Q7PN85
Molecular Weight	29,057 Da
NCBI Official Full Name	trypsin
UniProt Protein Name	Trypsin-1
UniProt Gene Name	TRYP1
UniProt Synonym Gene Names	AGAP008296
UniProt Entry Name	TRY1_ANOGA

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/dog-elisa-kits/trypsin/79608>