

Rat Collagenase I ELISA Kit | Collagenase I elisa kit

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CATALOG #
AAA85473

REACTIVITY
Rat

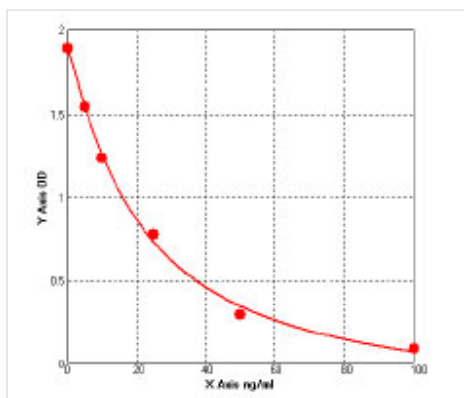
PRODUCT SYNONYMS

Collagenase I; Rat Collagenase I ELISA Kit; Collagenase I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CD5L. No significant cross-reactivity or interference between CD5L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CD5L and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 Collagenase I elisa kit	Intended Uses: This CD5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CD5L. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CD5L ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CD5L antibody and an CD5L-HRP conjugate. The assay sample and buffer are incubated together with CD5L-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 CD5L concentration since CD5L from samples and CD5L-HRP conjugate compete for the anti-CD5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD5L from the sample, fewer sites are left to bind CD5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD5L concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32472801
NCBI Accession #	NP_865795.1
NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	collagenase

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/collagenase-i-rat-elisa-kits/collagenase-i/85473>