

General Chymotrypsin Assay Kit

Chymotrypsin Microplate Assay Kit

CATALOG # AAA261586	REACTIVITY General	APPLICATIONS Functional Assay
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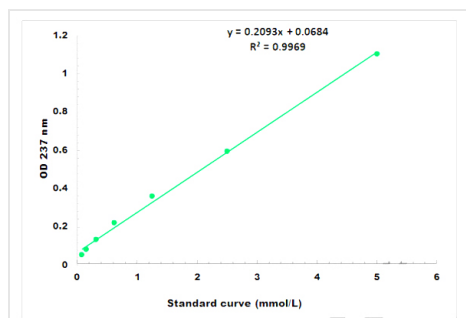
PRODUCT SYNONYMS

Chymotrypsin; Chymotrypsin Microplate Assay Kit; EC 3.4.21.1; Alpha-chymotrypsin; Chymotrypsin A; Chymotrypsin B; avazyme; chymar; chymotest; enzeon; quimar; quimotrase; Chymotrypsin assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.05 mmol/L - 5 mmol/L
Applicable Applications for Chymotrypsin assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Chymotrypsin assay kit	Background: Chymotrypsin is a digestive enzyme belonging to a super family of enzymes called serine proteases. It uses an active serine residue to perform hydrolysis on the C-terminus of the aromatic amino acids of other proteins. Chymotrypsin is a protease enzyme that cleaves on the C-terminal phenylalanine (F), tryptophan (W), and tyrosine (Y) on peptide chains. It shows specificity for aromatic amino acids because of its hydrophobic pocket. The assay is initiated with the enzymatic catalysis of ATEE by Chymotrypsin. The enzyme catalysed reaction products can be measured at a colorimetric readout at 237 nm.
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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.