

General Total Amino Acid Assay Kit

Total Amino Acid Microplate Assay Kit

CATALOG # AAA264744	REACTIVITY General	APPLICATIONS Functional Assay
-------------------------------	------------------------------	---

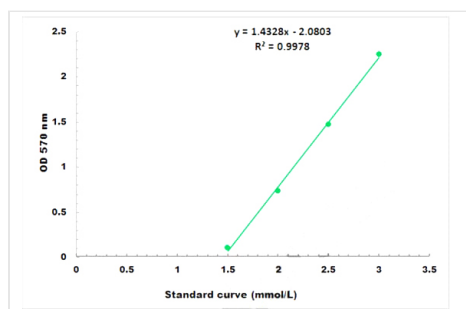
PRODUCT SYNONYMS

Total Amino Acid; Total Amino Acid Microplate Assay Kit; Total Amino Acid assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	1 mmol/L - 3 mmol/L
Applicable Applications for Total Amino Acid assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Total Amino Acid assay kit

Background: Amino acids are organic compounds that contain amine and carboxyl functional groups, along with a side chain specific to each amino acid. The key elements of an amino acid are carbon, hydrogen, oxygen, and nitrogen, although other elements are found in the side chains of certain amino acids. About 500 naturally occurring amino acids are known and can be classified in many ways. They can be classified according to the core structural functional groups' locations as alpha-, beta-, gamma- or deltaamino acids; other categories relate to polarity, pH level, and side chain group type. In the form of proteins, amino acid residues form the second-largest component of human muscles and other tissues. Beyond their role as residues in proteins, amino acids participate in a number of processes such as neurotransmitter transport and biosynthesis. Total Amino Acid Microplate Assay Kit is designed to measure total amino acid directly in biological samples without any pretreatment. The intensity of the color, measured at 570nm, is directly proportional to the total amino acid concentration in the sample.

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.