



L-Amino Acid Quantitation Kit

Product Information

Cat.No.

Kit-0504

Product Overview

L-Amino Acid Quantitation Kit is used for detecting L-amino acid.

Description

L-Amino acids are the most essential elements in biology. Accurately quantitating L-amino acids in body fluids or purified samples may provide valuable information for diagnostic or basic research studies. The L-Amino Acid Assay Kit provides a convenient means for directly detecting L-amino acid in biological samples. There is no requirement for sample pretreatment or purification when using this kit. The L-amino acid(s) level can be quantified using fluorometric (at Ex/Em = 535/587 nm) or colorimetric (at $\lambda = 570$ nm) methods in 96-well plates.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store the kit at -20°C.

Kit Components

1. L-Amino Acid Assay Buffer: 25 ml. 2. L-Amino Assay Acid Probe*: 0.2 ml. 3. L-Amino Acid Enzyme Mix: 1 vial. 4. L-Amino Acid Standard (4 nmol/ μ l)**: 300 μ l. * Note: The fluorometric assay is ~10 times more sensitive than the colorimetric assay. Use 0.4 μ l of the probe per reaction to decrease background/increase detection sensitivity significantly. **Mixture of all amino acids at equal molar ratio. Glycine can't be detected by this kit.

Detection method Colorimetric, Fluorometric

Compatible Sample Types



CREATIVE **BIOMART**[®]
Assay Kit

L-Amino Acid Quantitation Kit

Biological Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Culture Supernatant, Urine

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