

Tryptophan (Trp) Assay Kit | Trp assay kit

Tryptophan (Trp) Fluorometric Assay Kit

CATALOG #
AAA179640

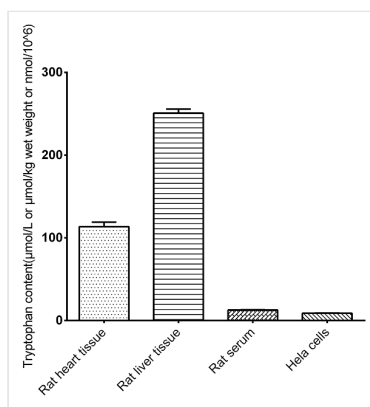
PRODUCT SYNONYMS

Tryptophan (Trp); Tryptophan (Trp) Fluorometric Assay Kit; Trp assay kit

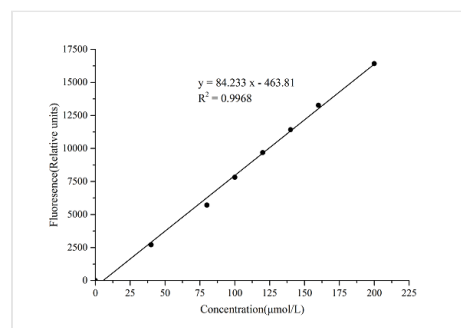
PRODUCT SPECIFICATIONS

Assay Type	Quantitative
Samples	serum, plasma, tissue, cell
Detection Range	0.33-200.00 umol/L
Sensitivity	0.33 umol/L
Detection Type	Fluorescence method
Detection Instrument	Fluorescence Microplate Reader
Precision	Inter CV: 2.5-5.6 Intra CV: 3.4-4.7
Research Area	Amino Acids and Proteins
Test Principle	Tryptophan (Trp) is an essential amino acid involved in a variety of biosynthetic processes. It is not only involved in the synthesis of a variety of proteins, but also the precursor of many bioactive substances. The enzyme catalyzes Trp in a series of reactions to produce hydrogen peroxide, which forms a red complex with the fluorescent probe. The fluorescence value of the sample at the excitation wavelength of 535 nm and the emission wavelength of 587 nm can be measured to calculate the content of Trp in the sample.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



ADDITIONAL INFORMATION

Product Categories/Family for Trp assay kit	Cell Metabolism Assays; Amino Acids and Proteins
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/tryptophan-trp/179640>