

Phenylalanine (Phe) Assay Kit | Phe assay kit

Phenylalanine (Phe) Colorimetric Assay Kit

CATALOG #
AAA179702

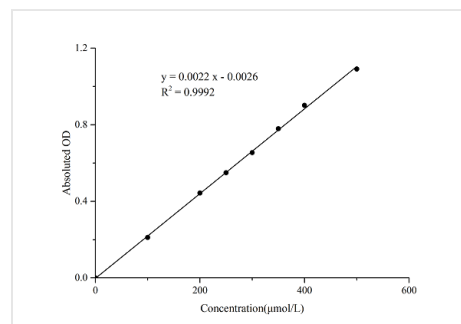
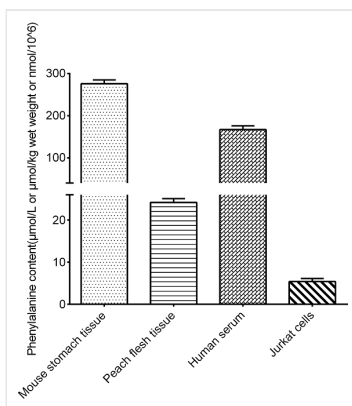
PRODUCT SYNONYMS

Phenylalanine (Phe); Phenylalanine (Phe) Colorimetric Assay Kit; Phe assay kit

PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Serum, Plasma, Urine, Animal and plant tissue, Cell, Cell culture supernatant
Detection Range	4.25-500.00umol/L
Sensitivity	4.25umol/L
Precision	Intra-assay CV: 0.9-1.6% Inter-assay CV: 2.4-4.0%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for Phe assay kit

Phenylalanine (Phe), chemically known as 2-amino-3-phenylpropionic acid, is an essential amino acid involved in a variety of biosynthetic processes. In the body, most Phe is oxidized to tyrosine by phenylalanine hydroxylase, and together with tyrosine, it synthesizes important neurotransmitters and hormones, and participates in glucose metabolism and fat metabolism. Phenylalanine is catalyzed by enzyme, and the chromogenic agent has an absorption peak at 450nm. The Phe content of the sample can be calculated by measuring the OD value of the chromogenic substance at 450nm.

Product Categories/Family for Phe assay kit

Metabolism assay; Cell Metabolism Assays; Liver and Renal Function; Amino Acids and Proteins

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/assay-kits/phenylalanine-phe/179702>