

alpha-L-Fucosidase (AFU) Assay Kit | AFU assay kit

alpha-L-Fucosidase (AFU) Activity Assay Kit

CATALOG #
AAA178116

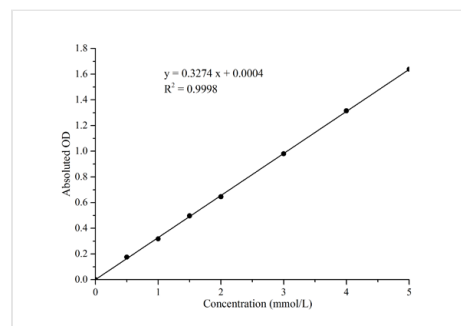
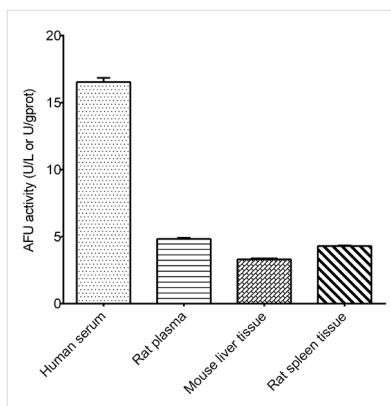
PRODUCT SYNONYMS

alpha-L-Fucosidase (AFU); alpha-L-Fucosidase (AFU) Activity Assay Kit; AFU assay kit

PRODUCT SPECIFICATIONS

Samples	Serum (plasma) and animal tissue samples
Detection Range	0.5-80U/L
Sensitivity	0.5U/L
Intra-assay Precision	3.7
Inter-assay Precision	8.4
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for AFU assay kit

Principle of the Assay: alpha-L-fucosidase (AFU) is an acid hydrolase that exists in organisms and widely exists in tissues, cells, blood and body fluids. AFU is involved in the metabolism of glycoproteins, glycolipids and oligosaccharides, and plays a key role in cell differentiation, apoptosis, inflammation and host-pathogen interaction. AFU catalyzes the hydrolysis of the colorless substrate nitrophenyl-alpha-L-fucoside to produce yellow nitrophenol with a significant absorption peak at 405 nm, and its absorbance is positively correlated with the content of nitrophenol. The activity of AFU can be calculated by measuring the change of absorbance value at 405 nm.

Product Categories/Family for AFU assay kit

Metabolism assay kit; Liver biomarkers

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.

