

Fatty Acid Amide Hydrolase (FAAH) Activity Assay Kit | FAAH assay kit

Fatty Acid Amide Hydrolase (FAAH) Activity Fluorometric Assay Kit

CATALOG #
AAA179682

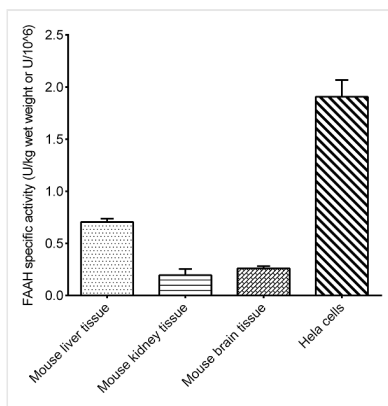
PRODUCT SYNONYMS

Fatty Acid Amide Hydrolase (FAAH) Activity; Fatty Acid Amide Hydrolase (FAAH) Activity Fluorometric Assay Kit; FAAH assay kit

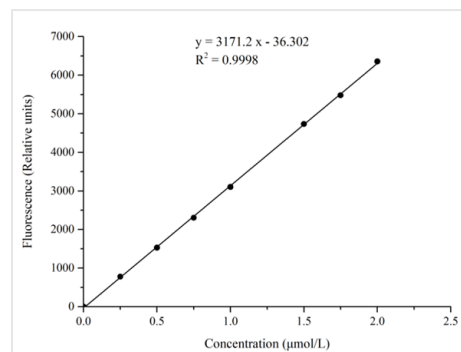
PRODUCT SPECIFICATIONS

Detection Type	Fluorescence
Result Type	Enzyme Activity
Samples	Animal tissue, Cell
Detection Range	0.004-0.105U/L
Sensitivity	0.004U/L
Precision	Intra-assay CV: 3.7-6.0% Inter-assay CV: 0.2-12.2%
Detection Instrument	Fluorescence 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

Application Data

ADDITIONAL INFORMATION

Related Product Information for FAAH assay kit

Fatty acid amide hydrolase (FAAH) is a membrane binding protein belonging to the serine hydrolase family. FAAH hydrolyzes many important endogenous fatty acid amides, including endocannabinoid (AEA) and palmitoyl glycolamide (PEA). FAAH plays a key role in controlling cannabinoid signaling by hydrolyzing 2-arachidenoylethanol glycerol in AEA and certain tissues. Detection principle: FAAH specifically cut the substrate, the fluorophores emit fluorescence, and detect fluorescence at the excitation wavelength of 340nm and the emission wavelength of 440nm. Because FAAH is a serine protein, FAAH-specific inhibitors are used in the kit to inhibit enzyme activity and exclude the effects of non-specific enzyme activity.

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://www.aaabiotech.com/assay-kits/fatty-acid-amide-hydrolase-faah-activity/179682>