

Rat Fatty-acid amide hydrolase 1 (FAAH) ELISA Kit | FAAH elisa kit

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CATALOG #
AAA27236

REACTIVITY
Rat

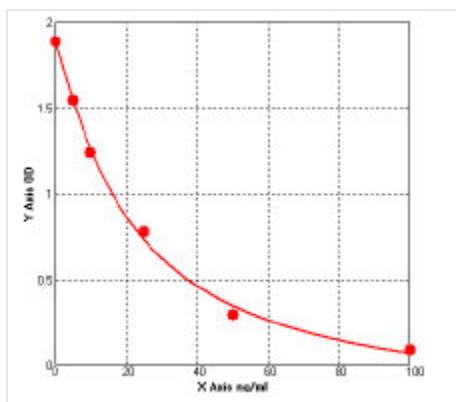
PRODUCT SYNONYMS

Fatty-acid amide hydrolase 1 (FAAH); Rat Fatty-acid amide hydrolase 1 (FAAH) ELISA Kit; FAAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FAAH1. No significant cross-reactivity or interference between FAAH1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FAAH1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAAH elisa kit	Principle of the Assay: FAAH1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FAAH1 antibody and an FAAH1-HRP conjugate. The assay sample and buffer are incubated together with FAAH1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FAAH1 concentration since FAAH1 from samples and FAAH1-HRP conjugate compete for the anti-FAAH1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FAAH1 from the sample, fewer sites are left to bind FAAH1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FAAH1 concentration in each sample is interpolated from this standard curve. Intended Uses: This FAAH1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FAAH1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795287
NCBI GeneID	2166
NCBI Accession #	NP_001432.2
NCBI GenBank Nucleotide #	NM_001441.2
Molecular Weight	63,066 Da
NCBI Official Full Name	fatty-acid amide hydrolase 1
NCBI Official Synonym Full Names	fatty acid amide hydrolase
NCBI Official Symbol	FAAH
NCBI Official Synonym Symbols	PSAB; FAAH-1
NCBI Protein Information	fatty-acid amide hydrolase 1; oleamide hydrolase 1; anandamide amidohydrolase 1
UniProt Protein Name	Fatty-acid amide hydrolase 1
UniProt Gene Name	FAAH
UniProt Synonym Gene Names	FAAH1
UniProt Entry Name	FAAH1_HUMAN

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.