

## Rat fatty acid amide hydrolase ELISA Kit | FAAH elisa kit

Rat Fatty-acid amide hydrolase 1, FAAH ELISA Kit

CATALOG #  
**AAA112935**

REACTIVITY  
**Rat**

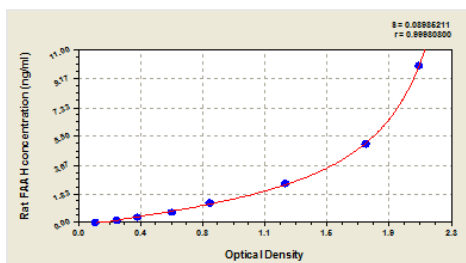
### PRODUCT SYNONYMS

fatty acid amide hydrolase; Rat Fatty-acid amide hydrolase 1; FAAH ELISA Kit; Rat Fatty-acid amide hydrolase 1 (FAAH) ELISA kit; FAAH-1; MGC102823; MGC138146; ; FAAH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat FAAH. No significant cross-reactivity or interference between Rat FAAH and analogues was observed.                                                                                                                                         |
| Sequence Length         | 579                                                                                                                                                                                                                                                                                                                       |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                                                                                                                                                         |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                  |
| Detection Range         | 0.156 ng/ml-10 ng/ml                                                                                                                                                                                                                                                                                                      |
| Sensitivity             | 0.039 ng/ml                                                                                                                                                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Related Product Information for FAAH elisa kit | <b>Principle of the Assay:</b> This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FAAH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FAAH present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FAAH is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FAAH bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| NCBI GI #                        | 13162304                                                                        |
| NCBI GeneID                      | 29347                                                                           |
| NCBI Accession #                 | NP_077046.1                                                                     |
| NCBI GenBank Nucleotide #        | NM_024132.3                                                                     |
| UniProt Accession #              | P97612; Q5BKA3                                                                  |
| Molecular Weight                 | 63,357 Da                                                                       |
| NCBI Official Full Name          | fatty-acid amide hydrolase 1                                                    |
| NCBI Official Synonym Full Names | fatty acid amide hydrolase                                                      |
| NCBI Official Symbol             | Faah                                                                            |
| 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_RAT                                                                       |

**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.