

## Human Fatty acid synthase ELISA Kit | FASN elisa kit

Human Fatty acid synthase ELISA Kit

CATALOG #  
**AAA23233**

REACTIVITY  
**Human**

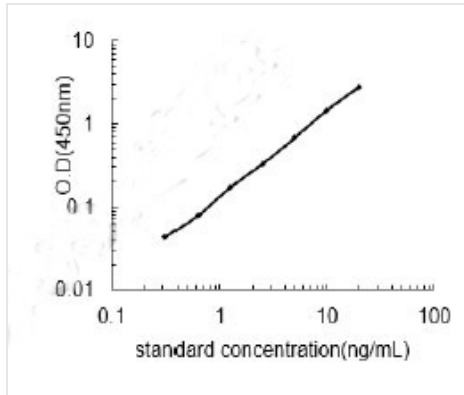
### PRODUCT SYNONYMS

Fatty acid synthase; Human Fatty acid synthase ELISA Kit; FASN; FAS; 2.3.1.85; FASN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Fatty acid synthase                                     |
| Sequence Length         | 2511                                                                                  |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Intra-assay Precision   | <=8.1%                                                                                |
| Inter-assay Precision   | <=10.4%                                                                               |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FASN elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Intended Uses:** This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 41872631                                                               |
| NCBI GeneID                      | 2194                                                                   |
| NCBI Accession #                 | NP_004095.4                                                            |
| NCBI GenBank Nucleotide #        | NM_004104.4                                                            |
| UniProt Accession #              | P49327; Q13479; Q16702; Q4LE83; Q6P4U5; Q6SS02; Q969R1; Q96C68; Q96IT0 |
| Molecular Weight                 | 273,427 Da                                                             |
| NCBI Official Full Name          | fatty acid synthase                                                    |
| NCBI Official Synonym Full Names | fatty acid synthase                                                    |
| NCBI Official Symbol             | FASN                                                                   |
| NCBI Official Synonym Symbols    | FAS; OA-519; SDR27X1                                                   |
| NCBI Protein Information         | fatty acid synthase                                                    |
| UniProt Protein Name             | Fatty acid synthase                                                    |
| UniProt Gene Name                | <b>FASN</b>                                                            |
| UniProt Synonym Gene Names       | FAS                                                                    |
| UniProt Entry Name               | FAS_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/fasn-human-elisa-kits/fatty-acid-synthase/23233>