

## Monkey Alpha L fucosidase ELISA Kit | AFU elisa kit

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CATALOG #  
**AAA89515**

REACTIVITY  
**Monkey**

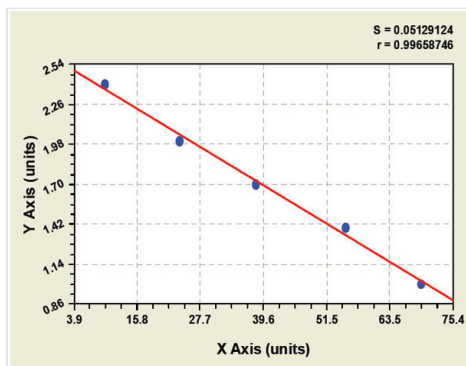
### PRODUCT SYNONYMS

Alpha L fucosidase; Monkey Alpha L fucosidase ELISA Kit; AFU elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Detection Range         | 10-250U/L                                                                                                                                                                             |
| Sensitivity             | 1.0u/L                                                                                                                                                                                |
| Intended Uses           | This AFU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AFU. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for AFU elisa kit

**Principle of the Assay:** AFU ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AFU antibody and an AFU-HRP conjugate. The assay sample and buffer are incubated together with AFU-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 AFU concentration since AFU from samples and AFU-HRP conjugate compete for the anti-AFU antibody binding site. Since the number of sites is limited, as more sites are occupied by AFU from the sample, fewer sites are left to bind AFU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AFU concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                           |                    |
|---------------------------|--------------------|
| NCBI GI #                 | 332982843          |
| NCBI GeneID               | 10609060           |
| NCBI Accession #          | YP_004464284.1     |
| NCBI GenBank Nucleotide # | NC_015520.1        |
| Molecular Weight          | 56,010 Da          |
| NCBI Official Full Name   | alpha-L-fucosidase |
| NCBI Official Symbol      | Mahau_2294         |
| NCBI Protein Information  | alpha-L-fucosidase |
| UniProt Protein Name      | Alpha-L-fucosidase |
| UniProt Entry Name        | F3ZVR8_MAHA5       |

**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://stage.aaabiotech.com/afu-monkey-elisa-kits/alpha-l-fucosidase/89515>