

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

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CATALOG #  
**AAA90643**

REACTIVITY  
**Sheep**

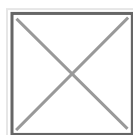
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                          |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                     |
| Assay Type              | Competitive                                                                                                                                                                                    |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                                     |
| Intended Uses           | This EMILIN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine EMILIN1. 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:** EMILIN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EMILIN1 antibody and an EMILIN1-HRP conjugate. The assay sample and buffer are incubated together with EMILIN1-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 EMILIN1 concentration since EMILIN1 from samples and EMILIN1-HRP conjugate compete for the anti-EMILIN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EMILIN1 from the sample, fewer sites are left to bind EMILIN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EMILIN1 concentration in each sample is interpolated from this standard curve.

### NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | <a href="#">332982843</a>      |
| NCBI GeneID               | <a href="#">10609060</a>       |
| NCBI Accession #          | <a href="#">YP_004464284.1</a> |
| NCBI GenBank Nucleotide # | <a href="#">NC_015520.1</a>    |

|                          |                    |
|--------------------------|--------------------|
| 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-sheep-elisa-kits/alpha-l-fucosidase/90643>