

## Bovine Microalbuminuria ELISA Kit | MAU elisa kit

Bovine Microalbuminuria ELISA Kit

CATALOG #  
**AAA92865**

REACTIVITY  
**Bovine**

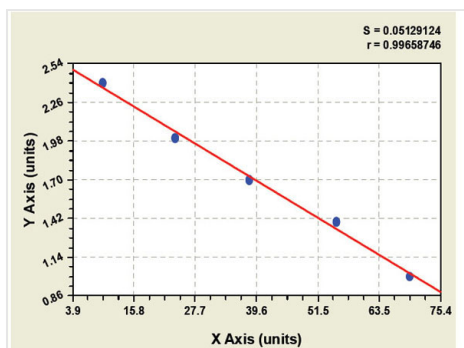
### PRODUCT SYNONYMS

Microalbuminuria; Bovine Microalbuminuria ELISA Kit; MAU elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 1.0 mg/L                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MAU elisa kit

**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

**INTENDED USE** This MAU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MAU. This ELISA kit for research use only!

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

**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/mau-bovine-ovine-elisa-kits/microalbuminuria/92865>