

## Mouse a1M (Alpha-1-Microglobulin/Bikunin Precursor) ELISA Kit | a1M elisa kit

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CATALOG #  
**AAA273632**

REACTIVITY  
**Mouse**

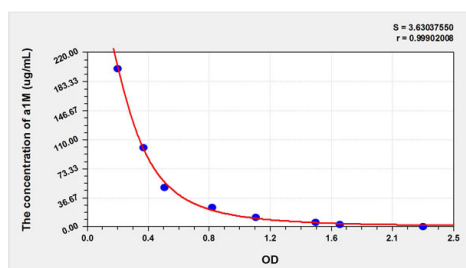
### PRODUCT SYNONYMS

a1M (Alpha-1-Microglobulin/Bikunin Precursor); Mouse a1M (Alpha-1-Microglobulin/Bikunin Precursor) ELISA Kit; AMBP; UTI; HCP; EDC1; HI30; IATIL; ITILC; ITI; ITIL; Alpha 1 Microglobulin/Bikunin Precursor; Growth-inhibiting protein 19; Uristatin; Uronic-Acid-Rich Protein; Trypstatin; a1M elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse a1M. No significant cross-reactivity or interference between Mouse a1M and analogues was observed. |
| Assay Type              | Competitive                                                                                                                                                                         |
| Detection Range         | 3.13-200 ug/mL                                                                                                                                                                      |
| Sensitivity             | 0.94 ug/mL                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.              |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.               |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for a1M elisa kit

**Principle of the Assay:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Alpha-1-Microglobulin/Bikunin Precursor(a1M) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Alpha-1-Microglobulin/Bikunin Precursor(a1M). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Alpha-1-Microglobulin/Bikunin Precursor(a1M) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for a1M elisa kit

Infection immunity; Immune molecule; Kidney biomarker

**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://www.aaabiotech.com/mouse-elisa-kits/a1m-alpha-1-microglobulin-bikunin-precursor/273632>