

## Goat Apolipoprotein M ELISA Kit | APOM elisa kit

Goat Apolipoprotein M ELISA Kit

CATALOG #  
**AAA90606**

REACTIVITY  
**Goat**

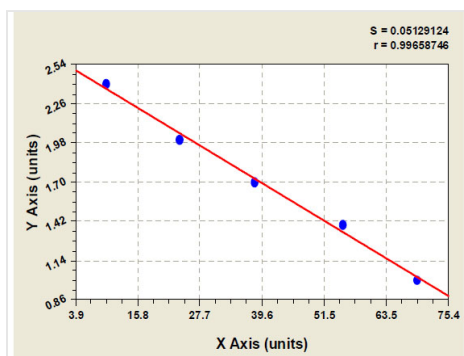
### PRODUCT SYNONYMS

Apolipoprotein M; Goat Apolipoprotein M ELISA Kit; APOM elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                            |
| Intended Uses           | This APOM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat APOM. 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 APOM elisa kit

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

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

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| NCBI GI #                        | 22091452                                                                      |
| NCBI GeneID                      | 55937                                                                         |
| NCBI Accession #                 | NP_061974.2                                                                   |
| NCBI GenBank Nucleotide #        | NM_019101.2                                                                   |
| Molecular Weight                 | 13,051 Da                                                                     |
| NCBI Official Full Name          | apolipoprotein M isoform 1                                                    |
| NCBI Official Synonym Full Names | apolipoprotein M                                                              |
| NCBI Official Symbol             | APOM                                                                          |
| NCBI Official Synonym Symbols    | G3a; NG20; apo-M; HSPC336                                                     |
| NCBI Protein Information         | apolipoprotein M; protein G3a; NG20-like protein; alternative name: G3a, NG20 |
| UniProt Protein Name             | Apolipoprotein M                                                              |
| UniProt Gene Name                | <b>APOM</b>                                                                   |
| UniProt Synonym Gene Names       | G3A; NG20; HSPC336; Apo-M; ApoM                                               |
| UniProt Entry Name               | APOM_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.

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Online datasheet: <https://www.aaabiotech.com/apom-goat-elisa-kits/apolipoprotein-m/90606>