

## Rat ACP2 (Lysosomal acid phosphatase) ELISA Kit | ACP2 elisa kit

Rat ACP2 (Lysosomal acid phosphatase) ELISA Kit

CATALOG #  
**AAA248331**

REACTIVITY  
**Rat**

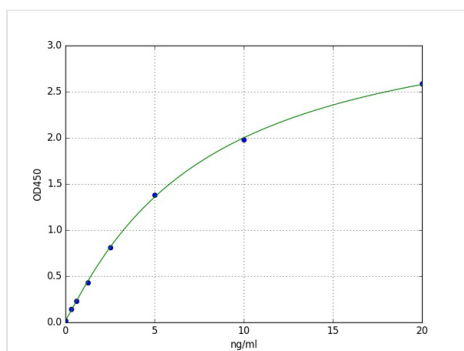
### PRODUCT SYNONYMS

ACP2 (Lysosomal acid phosphatase); Rat ACP2 (Lysosomal acid phosphatase) ELISA Kit; ACP2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                          |
| Sequence Length         | 423                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 15.625-1000pg/ml                                                                                                                                             |
| Sensitivity             | 9.375pg/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ACP2 elisa kit

**Principle of the Assay:** This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ACP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ACP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ACP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ACP2 can be calculated.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

130729

|                                  |                               |
|----------------------------------|-------------------------------|
| NCBI GeneID                      | <a href="#">24162</a>         |
| UniProt Accession #              | <a href="#">P20611</a>        |
| Molecular Weight                 | 48,320 Da                     |
| NCBI Official Full Name          | Lysosomal acid phosphatase    |
| NCBI Official Synonym Full Names | acid phosphatase 2, lysosomal |
| NCBI Official Symbol             | Acp2                          |
| NCBI Official Synonym Symbols    | LAP                           |
| NCBI Protein Information         | lysosomal acid phosphatase    |
| UniProt Protein Name             | Lysosomal acid phosphatase    |
| UniProt Gene Name                | <b>Acp2</b>                   |
| UniProt Synonym Gene Names       | LAP                           |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/acp2-lysosomal-acid-phosphatase/248331>