

## Mouse AP13 (Apelin 13) ELISA Kit | AP13 elisa kit

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CATALOG #  
**AAA251055**

REACTIVITY  
**Mouse**

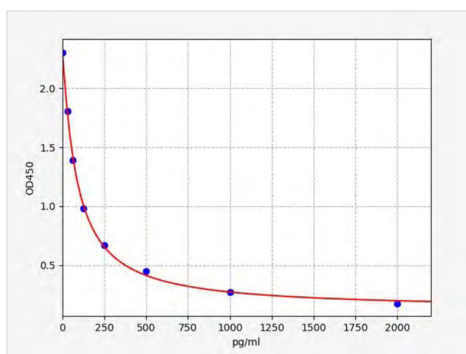
### PRODUCT SYNONYMS

AP13 (Apelin 13); Mouse AP13 (Apelin 13) ELISA Kit; AP13; Apelin 13; AP13 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                        |
| Specificity             | Specifically recognize AP13, no obvious cross reaction with other analogues                                                                                  |
| Assay Type              | Competitive                                                                                                                                                  |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| Detection Range         | 31.2-2000pg/ml                                                                                                                                               |
| Sensitivity             | 18.75pg/ml                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.                                                    |
| Inter-assay Precision   | Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.                                        |
| 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

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Related Product Information for AP13 elisa kit | Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with AP13. During the reaction, AP13 in the sample or standard competes with a fixed amount of AP13 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to AP13. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of AP13 in the samples is then determined by comparing the OD of the samples to the standard curve. The concentration of the target substance was inversely proportional to the OD450 value. |
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NCBI AND UNIPROT INFORMATION

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|---------------------|--------|
| UniProt Accession # | Q9R0R4 |
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**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/mouse-elisa-kits/ap13-apelin-13/251055>