

## Mouse Integrin Associated Protein (IAP) ELISA Kit | Akp3 elisa kit

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CATALOG #  
**AAA219797**

REACTIVITY  
**Mouse**

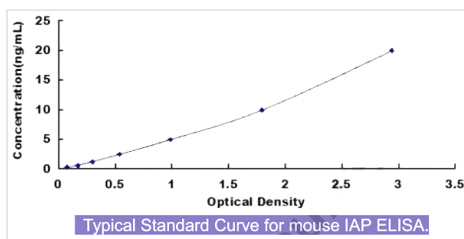
### PRODUCT SYNONYMS

Integrin Associated Protein (IAP); Mouse Integrin Associated Protein (IAP) ELISA Kit; CD47; MER6; OA3; Antigen Identified By Monoclonal Antibody 1D8; Antigenic Surface Determinant Protein OA3; Rh-Related Antigen; Akp3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of IAP. No significant cross-reactivity or interference between IAP and analogues was observed.                                 |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                   |
| Samples                 | Mouse tissue homogenates, cell lysates and other biological fluids                                                                                                                                      |
| Detection Range         | 0.312-20ng/mL                                                                                                                                                                                           |
| Sensitivity             | < 0.118ng/mL                                                                                                                                                                                            |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IAP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                   |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IAP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12% |
| Preparation and Storage | Shelf Life: 12 months                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Akp3 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IAP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IAP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 IAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IAP in mouse tissue homogenates, cell lysates and other biological fluids.</p> |
| Product Categories/Family for Akp3 elisa kit   | Traditional ELISA Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 130745                                              |
| NCBI GeneID                      | 11648                                               |
| UniProt Accession #              | P24822                                              |
| Molecular Weight                 | 60,285 Da                                           |
| NCBI Official Full Name          | Intestinal-type alkaline phosphatase                |
| NCBI Official Synonym Full Names | alkaline phosphatase 3, intestine, not Mn requiring |
| NCBI Official Symbol             | Akp3                                                |
| NCBI Official Synonym Symbols    | IAP; dIAP; Akp-3                                    |
| NCBI Protein Information         | intestinal-type alkaline phosphatase                |
| UniProt Protein Name             | Intestinal-type alkaline phosphatase                |
| UniProt Gene Name                | lap                                                 |
| UniProt Synonym Gene Names       | Akp-3; Akp3; IAP; Intestinal alkaline phosphatase   |

**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/integrin-associated-protein-iap/219797>