

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

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CATALOG #
AAA188144

REACTIVITY
Mouse

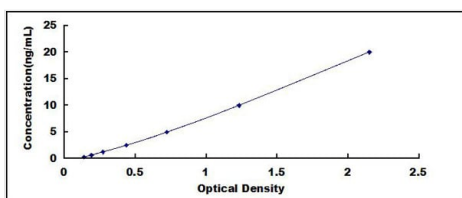
PRODUCT SYNONYMS

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; IAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Integrin Associated Protein (IAP). No significant cross-reactivity or interference between Integrin Associated Protein (IAP) and analogues was observed.
Sequence Length	324
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.117ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Integrin Associated Protein (IAP) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Integrin Associated Protein (IAP) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IAP elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Integrin Associated Protein (IAP). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Integrin Associated Protein (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 Integrin Associated Protein (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 Integrin Associated Protein (IAP) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754382
NCBI GeneID	16423
NCBI Accession #	NP_034711.1
NCBI GenBank Nucleotide #	NP_034711.1
UniProt Accession #	Q61735
NCBI Official Full Name	leukocyte surface antigen CD47 isoform 4
NCBI Official Synonym Full Names	CD47 antigen (Rh-related antigen, integrin-associated signal transducer)
NCBI Official Symbol	Cd47
NCBI Official Synonym Symbols	IAP; Itgp; AA407862; A1848868; AW108519; 9130415E20Rik; B430305P08Rik
NCBI Protein Information	leukocyte surface antigen CD47
UniProt Protein Name	Leukocyte surface antigen CD47
UniProt Gene Name	Cd47
UniProt Synonym Gene Names	IAP
UniProt Entry Name	CD47_MOUSE

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
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/integrin-associated-protein-iap/188144>