

Mouse CD47 (Leukocyte surface antigen CD47) ELISA Kit | CD47 elisa kit

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CATALOG #
AAA249785

REACTIVITY
Mouse

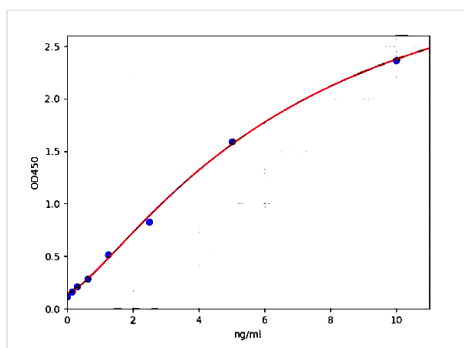
PRODUCT SYNONYMS

CD47 (Leukocyte surface antigen CD47); Mouse CD47 (Leukocyte surface antigen CD47) ELISA Kit; Leukocyte surface antigen CD47; Integrin-associated protein; IAP; CD47; Cd47; CD47 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CD47. No significant cross-reactivity or interference between CD47 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 CD47 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754382
NCBI GeneID	16423
NCBI Accession #	NP_034711.1
NCBI GenBank Nucleotide #	NM_010581.3
UniProt Accession #	Q61735; Q921Z2
Molecular Weight	33,098 Da
NCBI Official Full Name	leukocyte surface antigen CD47
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; AI848868; AW108519; 9130415E20Rik; B430305P08Rik
NCBI Protein Information	leukocyte surface antigen CD47; Rh-related antigen; integrin-associated protein
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cd47-leukocyte-surface-antigen-cd47/249785>