

Mouse CD48/SLAMF2 ELISA Kit | CD48/SLAMF2 elisa kit

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CATALOG #
AAA258484

REACTIVITY
Mouse

PRODUCT SYNONYMS

CD48/SLAMF2; Mouse CD48/SLAMF2 ELISA Kit; CD48 ELISA Kit; Mouse; CD48 molecule; AI449234 ELISA Kit; AW610730 ELISA Kit; Bcm-1 ELISA Kit; BCM1 ELISA Kit; BLAST ELISA Kit; BLAST-1 ELISA Kit; BLAST1 ELISA Kit; MEM-102 ELISA Kit; Sgp-60 ELISA Kit; SLAMF2 ELISA Kit; CD48/SLAMF2 elisa kit

PRODUCT SPECIFICATIONS

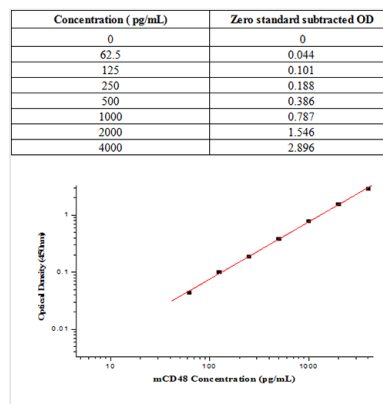
Reactivity	Mouse
Specificity	For the quantitative determination of Mouse CD48/SLAMF2 concentration in cell lysate.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Lysate
Detection Range	62.5-4000pg/mL
Sensitivity	16.01pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
CD48			
Recombinant mouse			
IL1A	IL1B	IL2	IL12B
TNFa(80-235)	IL6	IFNG	CCL3
VEGF164	IL18R1	IL17a	IL18
IL12A+IL12B	XCL1		
Recombinant rat			
CD48			

Application Data

This assay recognizes both recombinant and natural Mouse CD48. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD48/SLAMF2 elisa kit	This CD48 ELISA Kit, Mouse is an enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD48 protein in Lysate. It contains recombinant Mouse CD48, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.
References	Messmer B, et al. (2006) CD48 stimulation by 2B4 (CD244)-expressing targets activates human NK cells. J Immunol. 176(8): 4646-50 Millstein O, et al. (2008) Nanoscale increases in CD2-CD48-mediated intermembrane spacing decrease adhesion and reorganize the immunological synapse. J Biol Chem. 283(49): 34414-22.

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/cd48-slamf2/258484>