

Human Ly108/SLAMF6 ELISA Kit | Ly108/SLAMF6 elisa kit

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CATALOG #
AAA258442

REACTIVITY
Human

PRODUCT SYNONYMS

Ly108/SLAMF6; Human Ly108/SLAMF6 ELISA Kit; SLAMF6 ELISA Kit; Human; SLAM family member 6; CD352 ELISA Kit; KALI ELISA Kit; KALIb ELISA Kit; Ly108 ELISA Kit; NTB-A ELISA Kit; NTB ELISA Kit; SF2000 ELISA Kit; Ly108/SLAMF6 elisa kit

PRODUCT SPECIFICATIONS

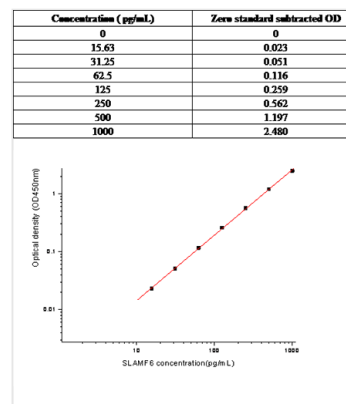
Reactivity	Human
Specificity	The kit has been verified by high purity Human Ly108/SLAMF6 recombinant protein.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Recombinant protein
Detection Range	15.63-1000pg/mL
Sensitivity	12.7pg/mL
Conjugation	HRP
Interference	Preparations of SH2D1A at 10ng/mL in a mid-range recombinant human SLAMF6 control were assayed for interference. No significant interference was observed.
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			
IL-1	IL-2	IL-33	IL-10
IL-8	TNF- α	IL-4	IL-6
IFN- γ	MIP-1 β	TIMP-1	TIMP-2
GM-CSF	SCF	PDGF	VEGF
SLAMF1	SLAMF2	SH2D1A	SLAMF4
SLAMF7			
Recombinant mouse			
SLAMF6			

Application Data

This assay recognizes recombinant human SLAMF6. The factors listed above were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed. Preparations of SH2D1A at 10ng/mL in a mid-range recombinant human SLAMF6 control were assayed for interference. No significant interference 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 Ly108/SLAMF6 elisa kit	This SLAMF6 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human SLAMF6 protein in Recombinant protein. It contains recombinant Human SLAMF6, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: SLAM family member 6, also known as Activating NK receptor, NK-T-B-antigen, NTB-A, SLAMF6, KALI and Ly18, is a single-pass type I membrane protein that belongs to the CD2 subfamily of the immunoglobulin superfamily. SLAMF6/Ly18 contains one Ig-like (immunoglobulin-like) domain. It is expressed by all (resting and activated) natural killer cells (NK), T- and B-lymphocytes. SLAMF6/Ly18 triggers cytolytic activity only in natural killer cells (NK) expressing high surface densities of natural cytotoxicity receptors. SLAMF6/Ly18 is a homodimer. It interacts with PTN6 and, upon phosphorylation, with PTN11 and SH2D1A/SAP. SLAMF6/Ly18 undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). It may function as a coreceptor in the process of NK cell activation. SLAMF6/Ly18 can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients.
References	Gray CW. et al., 2000, Eur J Biochem. 267 (18): 5699-710. Bottino C. et al., 2001, J Exp Med. 194 (3): 235-46. Valdez PA. et al., 2004, J Biol Chem. 279 (18): 18662-9. Claus M. et al., 2007, Front Biosci. 13: 956-65.

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://www.aaabiotech.com/human-elisa-kits/ly108-slamf6/258442>