

Human CD244 molecule, natural killer cell receptor 2B4 ELISA Kit | CD244 elisa kit

Human Natural killer cell receptor 2B4, CD244 ELISA Kit

CATALOG #
AAA112259

REACTIVITY
Human

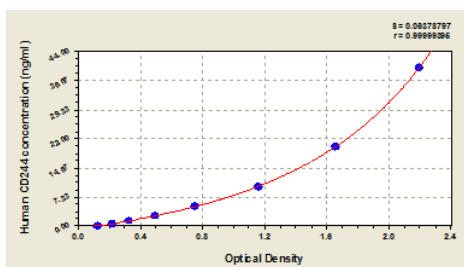
PRODUCT SYNONYMS

CD244 molecule; natural killer cell receptor 2B4; Human Natural killer cell receptor 2B4; CD244 ELISA Kit; Human Natural killer cell receptor 2B4 (CD244) ELISA kit; 2B4; NAIL; NKR2B4; Nmrk; SLAMF4; CD244 natural killer cell receptor 2B4; NK cell activation inducing ligand NAIL; CD244 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD244. No significant cross-reactivity or interference between human CD244 and analogues was observed.
Sequence Length	370
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml -40 ng/ml
Sensitivity	0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD244 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD244 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD244 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD244 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CD244 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262263435
NCBI GeneID	51744
NCBI Accession #	NP_001160135.1
NCBI GenBank Nucleotide #	NM_001166663.1
UniProt Accession #	Q9BZW8; Q5VYI2; Q5VYI6; Q5VYI7; Q96T47; Q9NQD2; Q9NQD3; Q9Y288
Molecular Weight	41,616 Da
NCBI Official Full Name	natural killer cell receptor 2B4 isoform 2
NCBI Official Synonym Full Names	CD244 molecule, natural killer cell receptor 2B4
NCBI Official Symbol	CD244
NCBI Official Synonym Symbols	2B4; NAIL; Nmrk; NKR2B4; SLAMF4
NCBI Protein Information	natural killer cell receptor 2B4; h2B4; SLAM family member 4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL; signaling lymphocytic activation molecule 4
UniProt Protein Name	Natural killer cell receptor 2B4
UniProt Gene Name	CD244
UniProt Synonym Gene Names	2B4; NAIL; NKR2B4; h2B4; SLAMF4
UniProt Entry Name	CD244_HUMAN

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/human-elisa-kits/cd244-molecule-natural-killer-cell-receptor-2b4/112259>