

Human CD244 (Natural killer cell receptor 2B4) ELISA Kit | CD244 elisa kit

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CATALOG #
AAA249362

REACTIVITY
Human

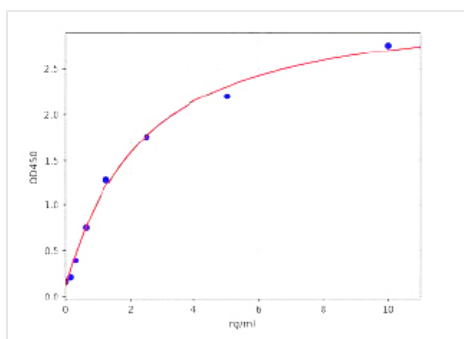
PRODUCT SYNONYMS

CD244 (Natural killer cell receptor 2B4); Human CD244 (Natural killer cell receptor 2B4) ELISA Kit; 2B4; CD244; h2B4; NAIL; NKR2B4; SLAMF4; CD244 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CD244. No significant cross-reactivity or interference between CD244 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
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 CD244 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605541
NCBI GeneID	51744
UniProt Accession #	Q9BZW8; Q5VYI2; Q5VYI6; Q5VYI7; Q96T47; Q9NQD2; Q9NQD3; Q9Y288
Molecular Weight	370
NCBI Official Full Name	Natural killer cell receptor 2B4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cd244-natural-killer-cell-receptor-2b4/249362>