

Human Killer Cell Immunoglobulin Like Receptor 2DS4 (KIR2DS4) ELISA Kit | KIR2DS4 elisa kit

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CATALOG # AAA64659	REACTIVITY Human
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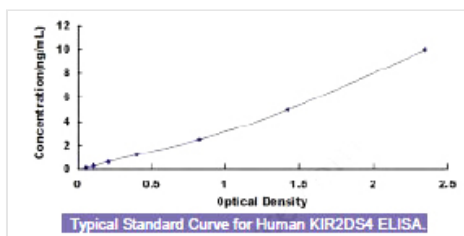
PRODUCT SYNONYMS

Killer Cell Immunoglobulin Like Receptor 2DS4 (KIR2DS4); Human Killer Cell Immunoglobulin Like Receptor 2DS4 (KIR2DS4) ELISA Kit; CD158I; KIR1D; KIR412; KKA3; NKAT8; PAX; CI-39; Natural killer-associated transcript 8; CD158 antigen-like family member I; NK receptor CL-39/CL-17; KIR2DS4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KIR2DS4. No significant cross-reactivity or interference between KIR2DS4 and analogues was observed.
Sequence Length	239
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KIR2DS4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level KIR2DS4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIR2DS4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KIR2DS4 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to KIR2DS4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to KIR2DS4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain KIR2DS4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of KIR2DS4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530353676
NCBI GeneID	3809
NCBI Accession #	NP_001268900.1
NCBI GenBank Nucleotide #	NM_001281971.1
UniProt Accession #	P43632; Q6H2G7
Molecular Weight	33,583 Da
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DS4 isoform 2
NCBI Official Synonym Full Names	killer cell immunoglobulin like receptor, two Ig domains and short cytoplasmic tail 4
NCBI Official Symbol	KIR2DS4
NCBI Official Synonym Symbols	KKA3; KIR1D; NKAT8; CD158I; KIR412; NKAT-8; KIR-2DS4
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DS4
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DS4
UniProt Gene Name	KIR2DS4
UniProt Synonym Gene Names	CD158I; KKA3; NKAT8; NKAT-8; p58 NK receptor CL-39/CL-17

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/killer-cell-immunoglobulin-like-receptor-2ds4-kir2ds4/64659>