

Human Killer Cell Lectin Like Receptor Subfamily C, Member 2 (KLRC2) ELISA Kit | KLRC2 elisa kit

Human Killer Cell Lectin Like Receptor Subfamily C, Member 2 (KLRC2)(Sandwich ELISA) ELISA Kit

CATALOG # AAA150886	REACTIVITY Human	APPLICATIONS ELISA
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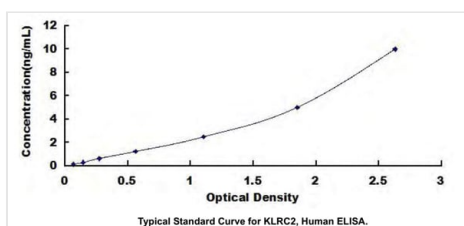
PRODUCT SYNONYMS

Killer Cell Lectin Like Receptor Subfamily C; Member 2 (KLRC2); Human Killer Cell Lectin Like Receptor Subfamily C; Member 2 (KLRC2)(Sandwich ELISA) ELISA Kit; ELISA Kit for Killer Cell Lectin Like Receptor Subfamily C; KLRC2/Killer Cell Lectin Like Receptor Subfamily C; Member 2; CD159c; NKG2C; NKG2-C Type II Integral Membrane Protein; CD159 antigen-like family member C; NK cell receptor C; NKG2-C-activating NK receptor; KLRC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KLRC2. No significant cross-reactivity or interference between KLRC2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Applicable Applications for KLRC2 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KLRC2 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 KLRC2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLRC2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to KLRC2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to KLRC2. 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 KLRC2, 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 KLRC2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KLRC2 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for KLRC2 elisa kit	Tumor immunity; Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709169
NCBI GeneID	3822
NCBI Accession #	NP_002251.2
NCBI GenBank Nucleotide #	NM_002260.3
UniProt Accession #	P26717; O43802; Q52M74; Q9NR42
Molecular Weight	26,072 Da
NCBI Official Full Name	NKG2-C type II integral membrane protein
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily C, member 2
NCBI Official Symbol	KLRC2
NCBI Official Synonym Symbols	NKG2C; CD159c; NKG2-C
NCBI Protein Information	NKG2-C type II integral membrane protein; CD159 antigen-like family member C; NK cell receptor C; NKG2-C-activating NK receptor
UniProt Protein Name	NKG2-C type II integral membrane protein
UniProt Gene Name	KLRC2
UniProt Synonym Gene Names	NKG2C
UniProt Entry Name	NKG2C_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/killer-cell-lectin-like-receptor-subfamily-c-member-2-klrc2/150886>