

Human Single Ig IL1 Related Receptor (SIGIRR) ELISA Kit | SIGIRR elisa kit

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CATALOG #
AAA189877

REACTIVITY
Human

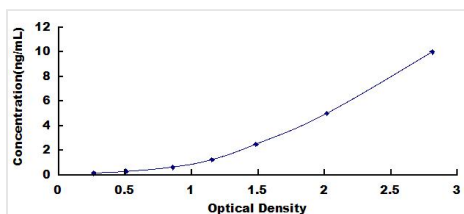
PRODUCT SYNONYMS

Single Ig IL1 Related Receptor (SIGIRR); Human Single Ig IL1 Related Receptor (SIGIRR) ELISA Kit; TIR8; Single Ig IL-1R-related molecule; Toll/interleukin-1 receptor 8; Single immunoglobulin domain-containing IL1R-related protein; SIGIRR/Single Ig IL1 Related Receptor; SIGIRR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SIGIRR. No significant cross-reactivity or interference between SIGIRR 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	< 0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SIGIRR 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 SIGIRR 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) Shelf Life: 8 months 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 SIGIRR elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SIGIRR. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SIGIRR. 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 SIGIRR, 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 SIGIRR 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 SIGIRR in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for SIGIRR elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146793
NCBI GeneID	59307
UniProt Accession #	Q6IA17; Q3KQY2; Q6UXI3; Q9H733
Molecular Weight	Predicted MW: 45 kDa Observed MW: 45 kDa
NCBI Official Full Name	SIGIRR
NCBI Official Synonym Full Names	single immunoglobulin and toll-interleukin 1 receptor (TIR) domain
NCBI Official Symbol	SIGIRR
NCBI Official Synonym Symbols	TIR8
NCBI Protein Information	single Ig IL-1-related receptor; toll/interleukin-1 receptor 8; single Ig IL-1R-related molecule; single immunoglobulin domain IL1R1 related; single immunoglobulin domain-containing IL1R-related protein
UniProt Protein Name	Single Ig IL-1-related receptor
UniProt Gene Name	SIGIRR
UniProt Synonym Gene Names	TIR8
UniProt Entry Name	SIGIR_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/single-ig-il1-related-receptor-sigirr/189877>