

# Human Leukocyte immunoglobulin-like receptor subfamily A member 5 (LILRA5) ELISA Kit



Catalog No: #EK10081

Orders: order@signalwayantibody.com

Package Size: #EK10081-1 48T #EK10081-2 96T

Support: tech@signalwayantibody.com

## Description

Product Name	Human Leukocyte immunoglobulin-like receptor subfamily A member 5 (LILRA5) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	XXbac-BCX403H19.2; CD85; CD85F; ILT11; LILRB7; LIR9; immunoglobulin-like transcript 11 protein leukocyte Ig-like receptor 9 leukocyte immunoglobulin-like receptor subfamily A member 5 leukocyte immu
Accession No.	A6NI73
Uniprot	A6NI73
GeneID	353514;
Storage	The stability of ELISA 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.  The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

## Application Details

Detect Range:25-1600 pg/mL

Sensitivity:6.25 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

**Detection Method:**SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate LILRA5 in samples. An antibody specific for LILRA5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyLILRA5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LILRA5 is added to the wells. After washing, Streptavidin 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 LILRA5 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**This protein is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described.

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Note: This product is for in vitro research use only