

## Human LAIR2 (CD306) ELISA Kit | LAIR2 elisa kit

Human LAIR2 (CD306) ELISA Kit

CATALOG #  
AAA258396

REACTIVITY  
Human

### PRODUCT SYNONYMS

LAIR2 (CD306); Human LAIR2 (CD306) ELISA Kit; LAIR2 ELISA Kit; Human; leukocyte associated immunoglobulin like receptor 2; CD306 ELISA Kit; MGC71634 ELISA Kit; XXbac-BCX535A19.6 ELISA Kit; LAIR2 elisa kit

### PRODUCT SPECIFICATIONS

|                    |                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity         | Human                                                                                                                                                                                                                                                                                                                                     |
| Specificity        | For the quantitative determination of Human LAIR2 (CD306) concentration in cell lysate.                                                                                                                                                                                                                                                   |
| Assay Type         | Solid Phase Sandwich ELISA (quantitative)                                                                                                                                                                                                                                                                                                 |
| Sample Types       | Lysate                                                                                                                                                                                                                                                                                                                                    |
| Detection Range    | 7.8-500pg/mL                                                                                                                                                                                                                                                                                                                              |
| Sensitivity        | 42.39pg/mL                                                                                                                                                                                                                                                                                                                                |
| Conjugation        | HRP                                                                                                                                                                                                                                                                                                                                       |
| Materials Provided | <ol style="list-style-type: none"> <li>1. 96 well microplate coated with Capture Antibody</li> <li>2. Detection Antibody conjugated to HRP</li> <li>3. Standards</li> <li>4. Wash Buffer Concentrate</li> <li>5. Dilution Buffer Concentrate</li> <li>6. Color Reagent A</li> <li>7. Color Reagent B</li> <li>8. Stop Solution</li> </ol> |

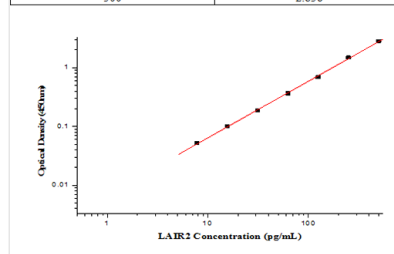
### IMAGES

| Recombinant human |               |               |               |
|-------------------|---------------|---------------|---------------|
| IL1               | IL2           | IL33          | IL10          |
| IL8               | PDGF          | TNF- $\alpha$ | IL4           |
| IL6               | IFN- $\gamma$ | VEGF          | MIP-1 $\beta$ |
| TIMP1             | TIMP2         | GM-CSF        | SCF           |

#### Application Data

This assay recognizes both recombinant and natural Human LAIR2. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.

| Concentration (pg/mL) | Zero standard subtracted OD |
|-----------------------|-----------------------------|
| 0                     | 0                           |
| 7.813                 | 0.052                       |
| 15.625                | 0.101                       |
| 31.25                 | 0.186                       |
| 62.5                  | 0.366                       |
| 125                   | 0.688                       |
| 250                   | 1.491                       |
| 500                   | 2.836                       |



#### Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for LAIR2 elisa kit | <p>This LAIR2 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human LAIR2 protein in Lysate. It contains recombinant Human LAIR2, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use.</p> <p>Background: Leukocyte-associated immunoglobulin-like receptor 2 (LAIR2), also known as CD36, is a 131 amino acid protein containing one Ig-like C2-type domain. It is expressed as a soluble receptor exhibiting high affinity for various collagen molecules to which it binds in a hydroxyproline-dependent manner. LAIR2 is a member of the immunoglobulin superfamily and was identified by its similarity to LAIR1, an inhibitory receptor present on mononuclear leukocytes. LAIR2 is thought to be secreted and may help modulate mucosal tolerance. As a natural competitor for LAIR1, soluble LAIR2 prevents binding of human LAIR1 to collagens and LAIR1 cross-linking, thereby regulating its inhibitory potential. Accordingly, LAIR2 is suggested to perform an immunoregulatory function.</p> |
| References                                      | <p>Meyaard, L. et al., 1997, Immunity.7:283-290.</p> <p>Meyaard, L. et al., 1999, J. Immunol. 162:5800-5804.</p> <p>Meyaard, L. et al., 2001, J. Exp. Med. 194 (1): 107-112.</p> <p>Meyaard, L., 2003, J Biol Regul Homeost Agents. 17 (4): 330-333.</p> <p>Lebbink, R. J. et al., 2008, J Immunol. 180 (3):1662-1669.</p> <p>Lebbink, R.J. et al., 2009, Matrix Biol. 28 (4):202-210.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**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/lair2-cd306/258396>