

## Sheep Chemokine C-C motif ligand 5 ELISA Kit | CCL-5 elisa kit

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CATALOG #  
**AAA89298**

REACTIVITY  
**Sheep**

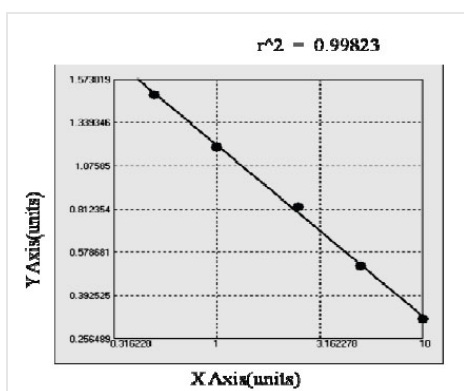
### PRODUCT SYNONYMS

Chemokine C-C motif ligand 5; Sheep Chemokine C-C motif ligand 5 ELISA Kit; CCL-5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                               |
| Assay Type              | Competitive                                                                                                                                                                              |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                |
| Intended Uses           | This CCL-5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CCL-5. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CCL-5 elisa kit

**Principle of the Assay:** CCL-5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL-5 antibody and an CCL-5-HRP conjugate. The assay sample and buffer are incubated together with CCL-5-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCL-5 concentration since CCL-5 from samples and CCL-5-HRP conjugate compete for the anti-CCL-5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-5 from the sample, fewer sites are left to bind CCL-5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-5 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119600526                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 6352                                                                                                                                                                                                                                            |
| Molecular Weight                 | 9,990 Da                                                                                                                                                                                                                                        |
| NCBI Official Full Name          | chemokine (C-C motif) ligand 5                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 5                                                                                                                                                                                                                  |
| NCBI Official Symbol             | CCL5                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta                                                                                                                                                                                          |
| NCBI Protein Information         | C-C motif chemokine 5; beta-chemokine RANTES; T-cell specific protein p288; eosinophil chemotactic cytokine; small inducible cytokine subfamily A (Cys-Cys), member 5; regulated upon activation, normally T-expressed, and presumably secreted |
| UniProt Protein Name             | C-C motif chemokine 5                                                                                                                                                                                                                           |
| UniProt Gene Name                | CCL5                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | D17S136E; SCYA5; TCP228                                                                                                                                                                                                                         |
| UniProt Entry Name               | CCL5_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](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/ccl-5-sheep-elisa-kits/chemokine-c-c-motif-ligand-5/89298>