

## Chicken Interleukin 25 ELISA Kit | IL-25 elisa kit

Chicken Interleukin 25 ELISA Kit

CATALOG #  
**AAA95688**

REACTIVITY  
**Chicken**

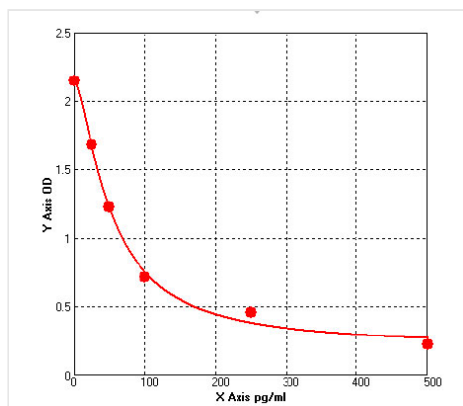
### PRODUCT SYNONYMS

Interleukin 25; Chicken Interleukin 25 ELISA Kit; IL-25 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of IL-25. No significant cross-reactivity or interference between IL-25 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL-25 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-25 elisa kit | <p>Intended Uses: This IL-25 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IL-25. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: IL-25 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IL-25 antibody and an IL-25-HRP conjugate. The assay sample and buffer are incubated together with IL-25-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 IL-25 concentration since IL-25 from samples and IL-25-HRP conjugate compete for the anti-IL-25 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-25 from the sample, fewer sites are left to bind IL-25-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-25 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for IL-25 elisa kit   | Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 27477081                               |
| NCBI GeneID                      | 64806                                  |
| NCBI Accession #                 | NP_758525.1                            |
| NCBI GenBank Nucleotide #        | NM_172314.1                            |
| Molecular Weight                 | 18,523 Da                              |
| NCBI Official Full Name          | interleukin-25 isoform 2               |
| NCBI Official Synonym Full Names | interleukin 25                         |
| NCBI Official Symbol             | IL25                                   |
| NCBI Official Synonym Symbols    | IL17E                                  |
| NCBI Protein Information         | interleukin-25; interleukin-17E        |
| UniProt Protein Name             | Interleukin-25                         |
| UniProt Gene Name                | IL25                                   |
| UniProt Synonym Gene Names       | IL17E; UNQ3120/PRO10272; IL-25; IL-17E |
| UniProt Entry Name               | IL25_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/il-25-chicken-elisa-kits/interleukin-25/95688>