

## Monkey Interleukin 29 ELISA Kit | IL-29 elisa kit

Monkey Interleukin 29 ELISA Kit

CATALOG #  
**AAA17247**

REACTIVITY  
**Monkey**

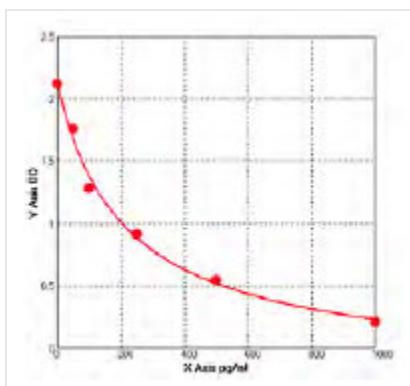
### PRODUCT SYNONYMS

Interleukin 29; Monkey Interleukin 29 ELISA Kit; IL-29 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| 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-29 elisa kit

**Intended Uses:** This IL-29 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IL-29. This ELISA kit for research use only!

**Principle of the Assay:** IL-29 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-29 antibody and an IL-29-HRP conjugate. The assay sample and buffer are incubated together with IL-29-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-29 concentration since IL-29 from samples and IL-29-HRP conjugate compete for the anti-IL-29 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-29 from the sample, fewer sites are left to bind IL-29-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-29 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 38569954                                                                                                                        |
| NCBI GeneID                      | 282618                                                                                                                          |
| Molecular Weight                 | 21,898 Da                                                                                                                       |
| NCBI Official Full Name          | interleukin 29                                                                                                                  |
| NCBI Official Synonym Full Names | interferon, lambda 1                                                                                                            |
| NCBI Official Symbol             | IFNL1                                                                                                                           |
| NCBI Official Synonym Symbols    | IL29; IL-29                                                                                                                     |
| NCBI Protein Information         | interferon lambda-1; IFN-lambda-1; interleukin-29; cytokine Zcyto21; interferon-lambda-1; interleukin 29 (interferon, lambda 1) |
| UniProt Protein Name             | Interferon lambda-1                                                                                                             |
| UniProt Gene Name                | IFNL1                                                                                                                           |
| UniProt Synonym Gene Names       | IL29; ZCYTO21; IFN-lambda-1; IL-29                                                                                              |
| UniProt Entry Name               | IFNL1_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.