

## Monkey Toll Like Receptor2 ELISA Kit | TLR2 elisa kit

Monkey Toll Like Receptor2 ELISA Kit

CATALOG #  
**AAA93158**

REACTIVITY  
**Monkey**

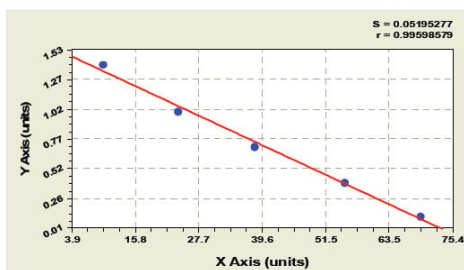
### PRODUCT SYNONYMS

Toll Like Receptor2; Monkey Toll Like Receptor2 ELISA Kit; TLR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Sandwich                                                                   |
| Detection Range         | 1.0-25ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

**Related Product Information for TLR2 elisa kit**

**Intended Uses:** This TLR-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TLR-2. This ELISA kit for research use only!

**Principle of the Assay:** TLR-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TLR-2 antibody and an TLR-2-HRP conjugate. The assay sample and buffer are incubated together with TLR-2-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 TLR-2 concentration since TLR-2 from samples and TLR-2-HRP conjugate compete for the anti-TLR-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TLR-2 from the sample, fewer sites are left to bind TLR-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TLR-2 concentration in each sample is interpolated from this standard curve.

**Product Categories/Family for TLR2 elisa kit**

Immunology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 19718734                                                                                             |
| NCBI GeneID                      | 7097                                                                                                 |
| NCBI Accession #                 | NP_003255.2                                                                                          |
| NCBI GenBank Nucleotide #        | NM_003264.3                                                                                          |
| Molecular Weight                 | 89,838 Da                                                                                            |
| NCBI Official Full Name          | toll-like receptor 2                                                                                 |
| NCBI Official Synonym Full Names | toll-like receptor 2                                                                                 |
| NCBI Official Symbol             | TLR2                                                                                                 |
| NCBI Official Synonym Symbols    | TIL4; CD282                                                                                          |
| NCBI Protein Information         | toll-like receptor 2; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4 |
| UniProt Protein Name             | Toll-like receptor 2                                                                                 |
| UniProt Gene Name                | TLR2                                                                                                 |
| UniProt Synonym Gene Names       | TIL4                                                                                                 |
| UniProt Entry Name               | TLR2_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/tlr2-monkey-elisa-kits/toll-like-receptor2/93158>