

ELISA KIT

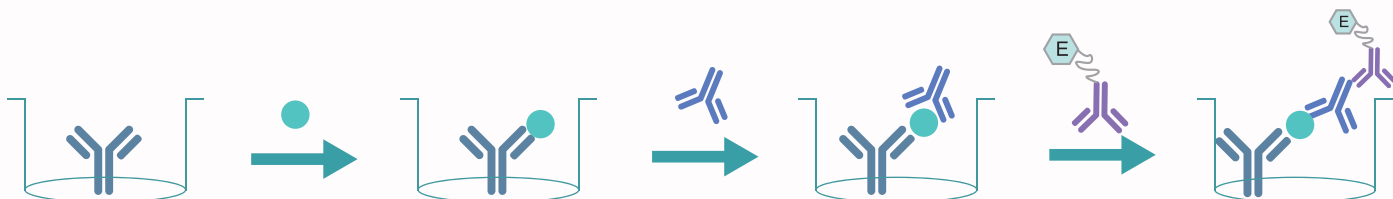


Enzyme-linked immunosorbent assay is a quantitative, plate-based technique that detects antigens in biological fluids such as cell lysates, cell culture supernatants, and tissue homogenates.



ABclonal offers nearly 4,000 sandwich and competitive ELISA kits covering 3000+ specific targets in over 14 species. Apart from common hosts like human, mouse, and rat, we offer a wide selection of kits for uncommon species including chicken, sheep, and horse to ensure a highly specific antibody-antigen interaction for your experiment.

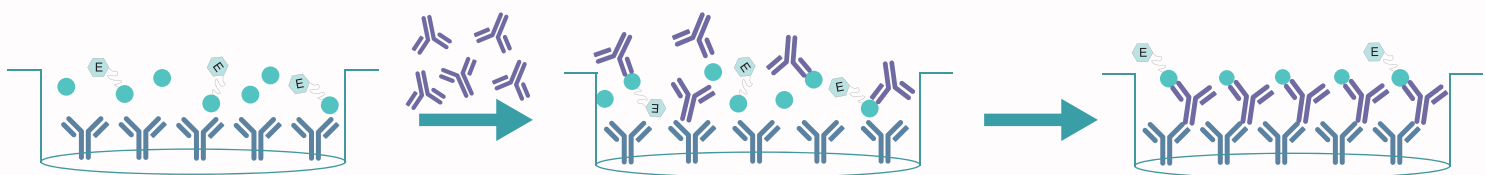
Sandwich ELISA



Indirect sandwich ELISA

* Use of antibody pairs enables higher sensitivity and specificity compared to other types of ELISA.

Competitive ELISA



Indirect-adsorption-based competitive ELISA

* Suited for quantification and detection of analytes too small for sandwich ELISA. Level of signal output indirectly proportional to analyte input.



Product Features



Strong Dilution Linearity

- Dilution linearity between 80-120%.
- Linear concentration range is greater than 103.
- R^2 is over 0.99.



Repeatability

- The coefficient of variation is less than 10%.
- Error rate is in the allowable range regardless of different environments, temperatures, detection time periods as long as it is within the expiration date.



High Sensitivity

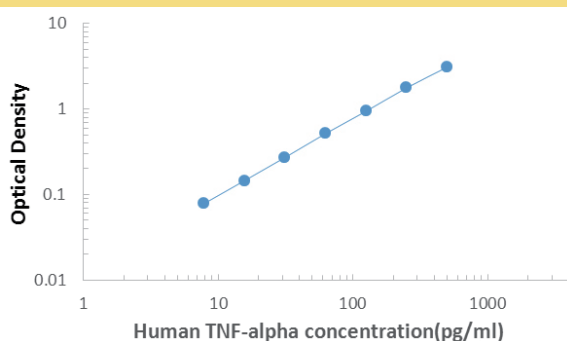
- Able to test proteins with concentrations at the pg/mL level, equivalent to the minimum detectable concentration for an ELISA kit.



High Recovery

- The recovery rate is between 80% - 120%.

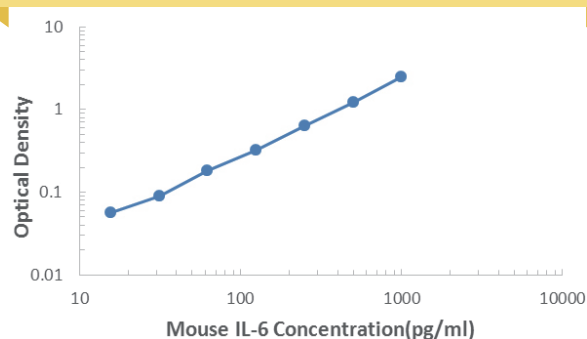
Human TNF-alpha ELISA Kit (RK00030)



Sensitivity: 4 pg/mL

Standard Curve Range: 7.5-500 pg/mL

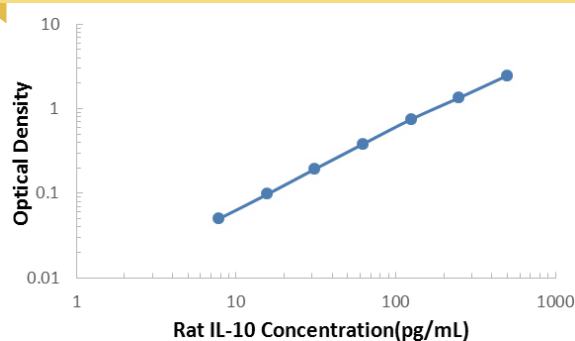
Mouse IL-6 ELISA Kit (RK00008)



Sensitivity: 4 pg/mL

Standard Curve Range: 15.625-1000 pg/mL

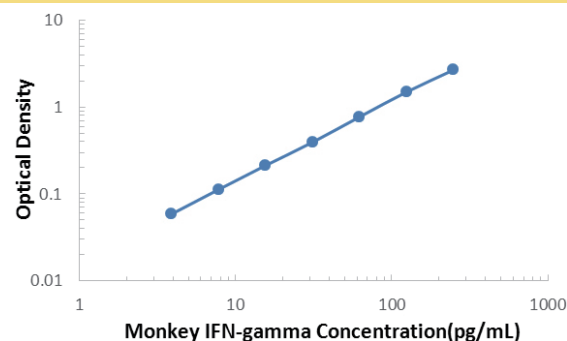
Rat IL-10 ELISA Kit (RK00050)



Sensitivity: 4 pg/mL

Standard Curve Range: 7.8-500 pg/mL

Monkey IFN-gamma ELISA Kit (RK00161)



Sensitivity: 2 pg/mL

Standard Curve Range: 3.9-250 pg/mL

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