

## Rabbit Interleukin 33 Receptor/ST2 ELISA Kit | IL-33R/st2 elisa kit

Rabbit Interleukin 33 Receptor/ST2 ELISA Kit

CATALOG #  
**AAA247381**

REACTIVITY  
**Rabbit**

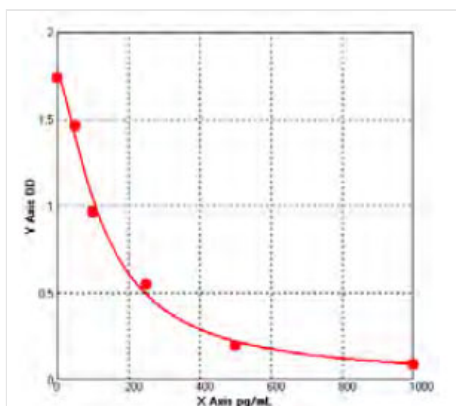
### PRODUCT SYNONYMS

Interleukin 33 Receptor/ST2; Rabbit Interleukin 33 Receptor/ST2 ELISA Kit; IL-33R/st2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of IL-33R. No significant cross-reactivity or interference between IL-33R and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL-33R 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 at 2-8 degree C.<br>The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.                                                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-33R/st2 elisa kit | <p>Intended Uses: This IL-33R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit IL-33R. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: IL-33R ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-33R antibody and an IL-33R-HRP conjugate. The assay sample and buffer are incubated together with IL-33R-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-33R concentration since IL-33R from samples and IL-33R-HRP conjugate compete for the anti-IL-33R antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-33R from the sample, fewer sites are left to bind IL-33R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-33R concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for IL-33R/st2 elisa kit   | Immunology; Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**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://www.aaabiotech.com/il-33r-st2-rabbit-elisa-kits/interleukin-33-receptor-st2/247381>