

## **Rat Interleukin-10 (rIL-10) (Eia-3157)**

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eia-3157:</b>        | One plate kit; 96 determinations                                                                                                                                                                                                        |
| <b>Sensitivity:</b>     | <5 pg/mL                                                                                                                                                                                                                                |
| <b>Range:</b>           | 15.6-1,000 pg/mL                                                                                                                                                                                                                        |
| <b>Incubation Time:</b> | 3 hours at room temperature                                                                                                                                                                                                             |
| <b>Simple:</b>          | Pre-coated strip-well plates<br>Liquid stable conjugate, chromogen and stop reagents<br>Sample size: 100 µL standards, 50 µL serum plus 50 µL standard diluent buffer, or 50 µL culture supernatant plus 50 µL standard diluent buffer. |
| <b>Accurate:</b>        | Inter-assay CV: <9.3%; Intra-assay CV: <7.5%                                                                                                                                                                                            |
| <b>Economical:</b>      | One or two 96-well plates, plus reagents for 96 or 192 determinations<br>Reagents are stable for multiple runs                                                                                                                          |
| <b>Versatile:</b>       | Serum, cell culture medium or buffered solutions.                                                                                                                                                                                       |

### **Summary Protocol for Rat Interleukin-10 ELISA**

1. Add 100 µL of standards, specimens (1:2) or controls (1:2) to appropriate wells.
2. Add 50 µL antigen-specific Biotin Conjugate to each well.
3. Incubate wells at room temperature for 2 hours.
4. Aspirate and wash wells 4x with Working Wash Buffer.
5. Add 100 µL Streptavidin-HRP Working Conjugate to each well.
6. Incubate for 30 minutes at room temperature.
7. Aspirate and wash wells 4x with Working Wash Buffer.
8. Add 100 µL of Stabilized Chromogen to each well.
9. Incubate at room temperature for 30 minutes in the dark.
10. Add 100 µL of Stop Solution to each well.
11. Read absorbance at 450 nm.

### **References:**

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