

Rat IL-12p40 (Interleukin 12 p40) ELISA kit

This kit applies sandwich ELISA method for the quantitative detection of IL-12p40 (Interleukin 12 p40) in rat samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat IL-12p40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IL-12p40. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat IL-12p40, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Rat IL-12p40 in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No. | 3032509 |
| Size | 96-Wells |
| Product Category | ELISA (Quantitative) |
| Reactivity | Rat |
| Sample | Serum; Plasma; Tissue Homogenates; Cell Lysates; Cell Culture Supernates; Other Biological Fluids |
| Assay Method | Sandwich ELISA |
| Assay Duration | 3.5 hours |
| Sensitivity | 5.8 pg/mL |
| Standard Curve Range | 15.63-1000 pg/mL |
| Storage/Stability | -20°C/1 year; 4°C/6 months |

