

Datasheet for ABIN2648702

IL-6 ELISA Kit



[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	IL-6 (IL6)
Reactivity:	Rat
Application:	ELISA

Product Details

Purpose:	Rat Interleukin 6 (IL-6) ELISA Assay Kit (enzyme-linked immunoassay kit) is intended for the quantitative determination of rat interleukin 6 (IL-6) concentrations in cell culture supernates, serum, and plasma.
Sample Type:	Serum, Plasma, Cell Culture Cells
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	7 pg/ml
Characteristics:	Rat Interleukin 6 (IL-6) ELISA Assay Kit is for research use only and not to be used in diagnostic procedures.

Target Details

Target:	IL-6 (IL6)
Alternative Name:	IL-6 (IL6 Products)
Pathways:	TLR Signaling , Hormone Transport , Negative Regulation of Hormone Secretion , Myometrial Relaxation and Contraction , Positive Regulation of Immune Effector Process , Production of

Target Details

Molecular Mediator of Immune Response, Regulation of Carbohydrate Metabolic Process, Autophagy, Cell RedoxHomeostasis, Cancer Immune Checkpoints, Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Sample Volume:	100 µL
Assay Time:	3 h
Plate:	Pre-coated
Protocol:	Rat Interleukin 6 (IL-6) ELISA Assay Kit employs the quantitative sandwich enzyme immunoassay technique. A monoclonal antibody specific for Interleukin 6 (IL-6) has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Interleukin 6 (IL-6) present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for Interleukin 6 (IL-6) is added to the wells and binds to the combination of capture antibody-Rat interleukin 6 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps a substrate is added. A colored product is formed in proportion to the amount of Interleukin 6 (IL-6) present in the sample. The reaction is terminated by addition of acid and absorbance is measured at 450nm. A standard curve is prepared from seven Interleukin 6 (IL-6) standard dilutions and Interleukin 6 (IL-6) sample concentration determined.
Restrictions:	For Research Use only

Handling

Storage:	4 °C
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