

# Rabbit anti-Human IL-6 mAb (DET)

**Catalog No.: RM17602**

## Basic Information

**Catalog No.**  
RM17602

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
< 1.0 EU/μg of the protein by LAL method.

**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1% Braveds MB-1, PH 7.4.

## Contact

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## Background

Interleukin 6 (IL-6) is also known as HGF, BSF2, HSF, IFNB2 and IL-6, originally identified as a B cell differentiation factor, is a multifunctional cytokine that regulates immune responses, hematopoiesis, acute phase responses, and inflammatory reactions. It is secreted by T cells, macrophages, monocytes, fibroblasts, endothelial cells, et al. to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. Interleukin 6 has been shown to interact with interleukin-6 receptor and glycoprotein. IL-6 is relevant to many disease processes such as diabetes, atherosclerosis, depression, Alzheimer's Disease, systemic lupus erythematosus, prostate cancer and rheumatoid arthritis. Advanced/metastatic cancer patients have higher levels of IL-6 in their blood. Hence there is an interest in developing anti-IL-6 agents as therapy against many of these diseases.

## Immunogen Information

**Immunogen**  
Recombinant IL-6 Protein

## Cross-Reactivity

No cross-reactivity in ELISA assay with recombinant hCntrf, hG-CSF, hGM-CSF, hIL-1A, hIL-1B, hIL-2, hIL-3, hIL-4, hIL-6RA, hIL-6RB, hIL-7, hIL-8, hIL-11, hIL-12, hILF, hOSM, hTNFA, mL-2, mL-4, mL-5, mL-6, mL-11, mL-12

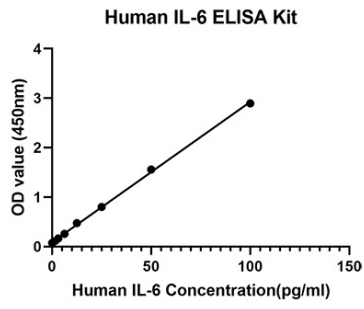
## Assay Applications

Human IL-6 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human IL-6(CAP)(Cat. No.RM17601)
ELISA Detection	0.033-0.13ug/mL	Rabbit anti-Human IL-6(DET)(Cat. No.RM17602)
Standard	1.56-100pg/mL	Recombinant Human IL-6 Protein

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.