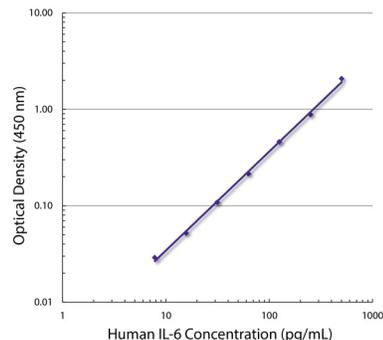




## Rat Anti-Human IL-6

Cat. No.	Format	Size
10121-01	Purified (UNLB)	0.5 mg
10121-08	Biotin (BIOT)	0.5 mg



Standard curve generated with Rat Anti-Human IL-6-UNLB (SB Cat. No. 10120-01; Clone MQ2-13A5) and Rat Anti-Human IL-6-BIOT (SB Cat. No. 10121-08; Clone MQ2-39C3) followed by Streptavidin-HRP (SB Cat. No. 7100-05)

### Overview

<b>Clone</b>	MQ2-39C3
<b>Isotype</b>	Rat IgG <sub>2a</sub> K
<b>Immunogen</b>	COS-expressed human IL-6
<b>Specificity</b>	Human/Rhesus/Cynomolgus IL-6
<b>Alternate Name(s)</b>	Interleukin-6, hepatocyte stimulating factor, HSF, hepatocyte growth factor, HGF, B cell stimulating factor-2, BSF-2, BSF2, cytotoxic T cell differentiation factor, CDF, hybridoma/plasmacytoma growth factor, HPGF

### Applications

ELISA-Detection – Quality tested <sup>3,4</sup>  
 ELISA-Capture – Reported in literature <sup>1,2</sup>  
 ELISPOT-Detection – Reported in literature <sup>3,5</sup>  
 Neut – Reported in literature <sup>1</sup>  
 Multiplex-Detection – Reported in literature <sup>6</sup>

Note – May be paired with the purified clone MQ2-13A5 (SB Cat. No. 10120-01) in a sandwich ELISA

### Working Dilutions

<b>ELISA</b>	BIOT conjugate	1:2,000 – 1:4,000
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific (M)SDS.

## References

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2. Abrams JS. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. *Curr Protoc Immunol.* 2001;6.20:1-15. (ELISA-Capture)
3. Mäkitalo B, Andersson M, Areström I, Karlén K, Villinger F, Ansari A, et al. ELISpot and ELISA analysis of spontaneous, mitogen-induced and antigen-specific cytokine production in cynomolgus and rhesus macaques. *J Immunol Methods.* 2002;270:85-97. (ELISA-Detection, ELISPOT-Detection, Rhesus & Cynomolgus Reactivity)
4. Zhao W, Oskeritzian CA, Pozez AL, Schwartz LB. Cytokine production by skin-derived mast cells: endogenous proteases are responsible for degradation of cytokines. *J Immunol.* 2005;175:2635-42. (ELISA-Detection)
5. Hansson T, Dannæus A, Klareskog L. Cytokine-producing cells in peripheral blood of children with coeliac disease secrete cytokines with a type 1 profile. *Clin Exp Immunol.* 1999;116:246-50. (ELISPOT-Detection)
6. Hutchinson KL, Villinger F, Miranda ME, Ksiazek TG, Peters CJ, Rollin PE. Multiplex analysis of cytokines in the blood of cynomolgus macaques naturally infected with Ebola virus (Reston serotype). *J Med Virol.* 2001;65:561-6. (Multiplex-Detection, Cynomolgus Reactivity)