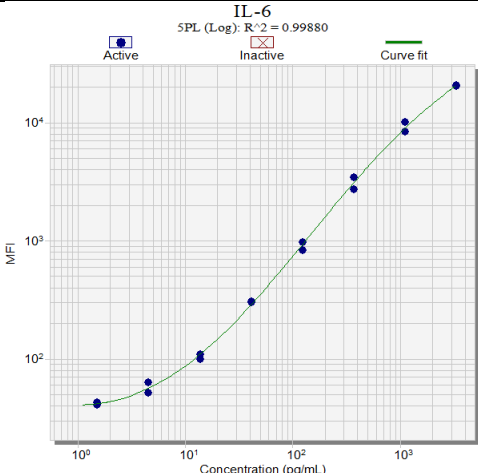


**Interleukin 6 (IL-6)** is a soluble cytokine that can effect inflammation, immune response, and hematopoiesis. IL-6 signals through IL-6R, which can occur as a transmembrane or a soluble receptor that is found in serum. IL-6 is generated immediately following environmental stresses such as infections and tissue injuries. Dysregulation of IL-6, which can lead to over production, may contribute to chronic inflammation and autoimmunity.

Description	
Immunogen	HEK293-derived recombinant Golden Hamster IL-6. Leu25-Asn212.
Reactivity	Hamster
Source	Mouse monoclonal IgG <sub>1</sub>
Purification	Protein G purified from hybridoma cell culture supernatant
Applications	ELISA (Capture)
Formulation	Lyophilized from PBS with Trelahose Reconstitute in 100µL ddH <sub>2</sub> O to 1 mg/mL
Shipping	Ambient
Storage	5 years at -20°C to -80°C as supplied 1 month at 4°C after reconstitution with preservative 1 year at -20°C to -80°C after reconstitution
Expiration	See lot specific CoA
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>IL-6 5PL (Log): R<sup>2</sup> = 0.99880</p> <p>Active Inactive Curve fit</p> <p>MFI</p> <p>Concentration (pg/mL)</p> </div> <div style="width: 50%;"> <p><b>Species Analyte Luminex Assay</b></p> <p>Capture: Hamster IL-6 clone <b>HM6-1A7</b> (Cat # M2031)            Detection: Hamster IL-6 rabbit polyclonal antibody, antigen purified            Antigen: Recombinant Hamster IL-6, HEK expressed</p> </div> </div>	

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