



Certificate of Analysis

IL-6 Protein, Human (Biotinylated)

Cat. No.:	HY-P78854
Batch No.:	284691
Species:	Human
Source:	HEK293
Tag:	N-Avi
Accession:	P05231 (V30-M212)
Gene ID:	3569
Molecular Weight:	27-30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human IL-6 R alpha Fc at 5 μg/mL (100 μL/well) can bind Biotinylated Human IL-6 with a linear range of <36 ng/mL.	29.18-35.46 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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