



Certificate of Analysis

IL-4 Protein, Canine

Cat. No.:	HY-P73214
Batch No.:	245588
Species:	Canine
Source:	<i>E. coli</i>
Tag:	N-Met
Accession:	077762 (H25-H132)
Gene ID:	403785
Molecular Weight:	12-14 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells and the ED ₅₀ is typically 5-30 ng/mL.	17 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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