



Certificate of Analysis

IdeS Protein, Streptococcus pyogenes (His)

Cat. No.: HY-P74867
 Batch No.: 243356
 Species: Others
 Source: *E. coli*
 Tag: N-10*His
 Accession: F8V4V0 (D30-N341)
 Gene ID: /
 Molecular Weight: Approximately 36.2 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	One unit digests ≥ 95% of 1μg human IgG when incubated in PBS buffer, pH 7.4 at 37°C for 30min. The specific activity is 20,000 unit/mg.	100%
Appearance	Solution.	
Concentration	2.66 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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