



Certificate of Analysis

Serum Albumin/ALB Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78077
Batch No.:	213593
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P02768 (D25-L609)
Gene ID:	213
Molecular Weight:	69-70 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Biotinylated Human Serum Albumin, His-Avi Tag immobilized on CM5 Chip can bind Human FcRn, His Tag with an affinity constant of 1.84 μM as determined in SPR assay (Biacore T200).	PASS
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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