

Shanghai Aladdin Biochemical Technology Co., LTD

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Certificate of Analysis

Date of Testing:	2025-08-27 16:03:00
Date of Next Testing:	2027-08-27 16:03:00
Product Name:	Large fragment of Escherichia coli polymerase I
Lot #:	ZJ25F0826185
SKU #:	rp221816
Version:	1
Analysis #:	020550
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, ActiBioPure™, EnzymoPure™, Sterile, 5 U/μL
Concentration:	5 U/μL
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	020550

Parameter	Limit Value	Result
Appearance(rp221816)	Colourless liquid	Colourless liquid
Endonuclease Activity (Nicking) (rp221816A) < 10% conversion to nicked form	Conform	Conform
Phosphatase Activity (pNPP) (rp221816A) < 0.0001 U phosphatase activity	Conform	Conform
Seal Integrity Testing	Conform	Conform
Purity(SDS-PAGE)(rp221816A) ≥ 95%	Conform	Conform



Sophia Cheng
Quality Assurance