

ALADDIN SCIENTIFIC CORPORATION

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## Specification Sheet

Product Name:	Hotstart HiTaq DNA Polymerase
SKU #:	FP1509104
Version:	1
Source:	
Specifications & Purity:	Recombinant, EnzymoPure™, for DNA and RNA applications, Suitable for Molecular Biology, 5 U/μL
Concentration:	5 U/μL
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(FP1509104A)	Colorless, transparent, viscous liquid; no precipitation or crystallization at -20 °C
Appearance(FP1509104B)	Liquid
Appearance(FP1509104C)	Liquid
Activity: Compared to control: $\Delta$ CT <0.3, detection rate >80%	Conform
Performance: Compared to control: $\Delta$ CT <0.3, CT CV <3%, sensitivity detection rate >90%	Conform
Specificity: Gel bands consistent with control; specificity equivalent	Conform
Stability (37°C accelerated stability): Compared with the -20°C control, $\Delta$ CT < 0.3, CT CV < 3%, sensitivity detection rate > 90%	Conform
Seal Integrity Testing	Conform