

Certificate of Analysis

产品检验报告

Product 产品名称	AcuGenix™ Hot Start Taq DNA Polymerase	Lot No. 批号	20250520
Specification 规格	5 U/μl	Test Date 检验日期	2025. 05. 20
Test purpose 请检目的	All items	Expiry date 有效期至	2027. 05. 19
Standard 请检依据	Enterprise Standard	Storage conditions 储存条件	-20±5° C

TEST RESULT

检验结果

Content 检验项目	Specification 企业标准	Results 检验结果
Appearance 外观	Clear liquid, no precipitation, no suspended matter, no flocculent. The packaging is intact, no damage, no leakage, and the batch number is correct. 清澈液体，无沉淀，无悬浮物，无絮状物。包装完好，无破损、无漏液，批号无误。	Conforms 符合规定
Protein purity 蛋白纯度	SDS-PAGE electrophoresis detection, no less than 98%. SDS-PAGE 电泳检测，应不低于 98%。	Conforms 符合规定
Active unit 活性单位	No less than 5 U/μl. 应不低于 5 U/μl	Conforms 符合规定
Sensitivity 灵敏度	The detection rate of sensitivity standard should be consistent with RS. 待检品与对照品对企业灵敏度标准品的检出率应一致。	Conforms 符合规定
Difference between batches 批间差异	The product to be inspected and RS should has at least one concentration of enterprise quantitative standard substance. There should be no significant difference in the Ct value. 待检品与对照品检测至少一个浓度企业定量标准品，组间 Ct 值应无显著性差异。	Conforms 符合规定
Blocking Activity 封闭活性	Blocking activity rate shall comply with the enterprise standard. 活性封闭率应符合企业标准。	Conforms 符合规定
Nuclease activity 外源核酸酶残留活性	No exogenous nuclease activity. 应无外源核酸酶活性。	Conforms 符合规定

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Test conclusion 检验结论	Complying with Enterprise Standard 本品按企业标准检验，结果符合规定。
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Reviewed by (复核人): 史 芳

