

Certificate of Analysis

产品检验报告

Product 产品名称	AcuGenix™ Uracil-DNA Glycosylase (UNG/UDG)-Low DNA	Lot No. 批号	20250526																					
Specification 规格	1 U/μL	Test Date 检验日期	2025.05.29																					
Test purpose 请检目的	All items	Expiry date 有效期至	2027.05.25																					
Standard 请检依据	Enterprise Standard	Storage conditions 储存条件	-20±5℃																					
TEST RESULT 检验结果 <table><tr><td>Content 检验项目</td><td>Specification 企业标准</td><td>Results 检验结果</td></tr><tr><td>Appearance 外观</td><td>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。</td><td>Conforms 符合规定</td></tr><tr><td>Protein purity 蛋白纯度</td><td>SDS-PAGE electrophoresis detection, no less than 98%. SDS-PAGE 电泳检测，应不低于 98%。</td><td>Conforms 符合规定</td></tr><tr><td>Active unit 活性单位</td><td>No less than 1 U/μl. 应不低于 1 U/μl。</td><td>Conforms 符合规定</td></tr><tr><td>Decontamination Capacity 去污染能力</td><td>After digestion at 50℃ for 10 min, templates containing U below 10³ are completely degraded without amplification products 50℃消化 10min 后，10³ 以下含 U 模板完全降解，无扩增产物</td><td>Conforms 符合规定</td></tr><tr><td>Nuclease activity 核酸酶活性</td><td>No exonuclease, endonuclease activity. 应无外源核酸酶活性。</td><td>Conforms 符合规定</td></tr><tr><td>Host DNA residues 宿主 DNA 残留</td><td>The negative initiation rate was ≤ 1/47, and the CT value was > 35 阴性起线率≤1/47，且 CT 值>35</td><td>Conforms 符合规定</td></tr></table>				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 1 U/μl. 应不低于 1 U/μl。	Conforms 符合规定	Decontamination Capacity 去污染能力	After digestion at 50℃ for 10 min, templates containing U below 10 ³ are completely degraded without amplification products 50℃消化 10min 后，10 ³ 以下含 U 模板完全降解，无扩增产物	Conforms 符合规定	Nuclease activity 核酸酶活性	No exonuclease, endonuclease activity. 应无外源核酸酶活性。	Conforms 符合规定	Host DNA residues 宿主 DNA 残留	The negative initiation rate was ≤ 1/47, and the CT value was > 35 阴性起线率≤1/47，且 CT 值>35	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。																							

Analyzed by (检验人): 闪梦丹

Reviewed by (复核人): 甘茂