

# Zhuhai Biori Biotechnology Co.,Ltd

珠海宝锐生物科技有限公司

## Certificate of Analysis

产品检验报告

|   |   |                     |            |
|---|---|---------------------|------------|
| Product<br>产品名称                             | Hhal  | Lot No.<br>批号       | 20260402   |
| Specification<br>规格                         | 10 U/ $\mu$ l   | Test Date<br>检验日期   | 2026.04.05 |
| Test purpose<br>请检目的                        | All items   | Expiry date<br>有效期至 | 2028.04.01 |
| Standard<br>请检依据                            | Enterprise Standard   | Storage<br>储存条件     | -20°C      |
| <b>TEST RESULT</b><br>检验结果                  |   |                     |            |
| Content<br>检验项目                             | Specification<br>企业标准   | Results<br>检验结果     |            |
| Appearance<br>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.<br>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<br>符合规定    |            |
| Protein purity<br>蛋白纯度                      | SDS-PAGE electrophoresis detection, no less than 95%.<br>SDS-PAGE 电泳检测, 应不低于 95%。   | Conforms<br>符合规定    |            |
| Active unit<br>活性单位                         | No less than 10 U/ $\mu$ l.<br>应不低于 10U/ $\mu$ l。   | Conforms<br>符合规定    |            |
| Nuclease activity<br>核酸酶活性                  | No exonuclease, endonuclease activity.<br>应无外源核酸酶活性。  | Conforms<br>符合规定    |            |
| Digestion-ligation-redigestion<br>酶切-连接-再酶切 | At 37°C, the DNA substrate was digested with a 10-fold enzyme dosage of Hhal, and the digested products were recovered. More than 95% of these digested products could be religated using T4 DNA Ligase at 16°C. After the ligation products were recovered again, more than approximately 95% of them could be recleaved with the same restriction endonuclease.<br>37°C下, 使用 10 倍酶量 Hhal 消化 DNA 底物, 回收酶切产物, 在 16°C 下使用 T4 DNA Ligase 可以将超过 95%的酶切产物重新连接。将连接产物再次回收后, 使用相同的内切酶可以重新切开约 95%以上的连接产物。 | Conforms<br>符合规定    |            |
| Functional assay<br>功能性检测                   | At 37°C, 1 unit of enzyme can completely digest 1 $\mu$ g of $\lambda$ DNA within 1 hour.<br>37°C下, 1 U 酶能够在 1h 内完全消化 1 $\mu$ g $\lambda$ DNA。  | Conforms<br>符合规定    |            |
| Test conclusion<br>检验结论                     | Complying with Enterprise Standard.<br>本品按企业标准检验, 结果符合规定。   |                     |            |

Analyzed by (检验人): 金莹莹

Reviewed by (复核人): 詹伟星