

# Certificate of Analysis

## Taq DNA polymerase

Part No./Catalog No. MB101-0500

Lot Number: 13MB050100

Size: 500 units

### Product Qualification

Specifications:

No detectable conversion of covalently closed circular DNA to nicked DNA was observed after incubation of 20 units of Taq DNA Polymerase with 1 µg of pUC18 DNA in 50 µl of Taq buffer with KCl containing 1.5mM MgCl<sub>2</sub> for 6 hours at 70°C.

Results: Meet specifications.

Specifications:

No detectable degradation of lambda DNA (HindIII fragments) was observed after incubation of 20 units of Taq DNA Polymerase with 1 µg of digested DNA in 50 µl of Taq buffer with KCl containing 1.5mM MgCl<sub>2</sub> for 6 hours at 70°C.

Results: Meet specifications.

Specifications:

Taq DNA Polymerase was tested for amplification of 8,000 bp gene from lambda DNA.

Results: Meet specifications.

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All products are for research use only.

Caution: Not intended for human or animal diagnostic or therapeutic uses.