



Bacteriophage Lambda Genomic DNA

Part Number: 0810051

Product Description

Each aliquot contains 100 μL of 250 $\text{ng}/\mu\text{L}$ (25 μg) DNA extracted from a partially purified preparation of Bacteriophage Lambda. The DNA was extracted from the phage following the whole blood spin protocol and reagents from the QIAamp[®] DNA Blood Maxi kit. This control is supplied in TE Buffer and should be frozen at -20°C or below. DNA concentration and 260/280 ratios are determined using a NanoDrop ND-1000[®]. The extracted DNA also tested positive on an in-house real time PCR assay. The preparation also contains *Escherichia coli* DNA.

Intended Use

Purified Genomic DNA is designed for use as an amplification and/or detection control for nucleic acid testing of Bacteriophage Lambda. It can also be used to determine a limit of detection (LOD), in diagnostic assay development, cross-reactivity studies or genomic sequencing. Controls should be run using the same protocols as those used to amplify extracted clinical specimens.

FOR RESEARCH & MANUFACTURING USE ONLY
Not for *in vitro* Diagnostic Use

Precautions

- Use Universal Precautions when handling Genomic DNA.
- The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

DO NOT USE IN HUMANS OR AS A CLINICAL DIAGNOSTIC.

These products are intended for research, product development or manufacturing use only. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

This product was manufactured in a facility which has a Quality Management System that is certified as being in compliance with ISO 13485.



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