



Micrococcus luteus Genomic DNA

Cat. No.: LBGF-0925-GF95

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product contains high-quality, intact genomic DNA isolated from *Micrococcus luteus*. It is a purified and ready-to-use DNA sample, ideal for a wide range of molecular biology applications, including PCR, qPCR, and Next-Generation Sequencing.

Target *Micrococcus* DNA

Derived From *Micrococcus luteus*

Format Lyophilized powder

Product Type Purified Microbial Genomic DNA

Size 5 µg

DNA Concentration Lot-Specific Data.
These actual results will be clearly detailed on the Certificate of Analysis (CoA) included with your shipment.

Purity (A260/A280) Lot-Specific Data
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Biosafety Level Purified genomic DNA is considered non-infectious and can be handled at BSL-1.

Storage 2-8°C

Shipping Conditions Ambient temperature

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|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shelf Life | 12 Months |
| Applications | <ol style="list-style-type: none">1. Genomic Research and Sequencing.2. PCR-based Detection and Quantification.3. Quality Control and Assay Validation.4. Gene Cloning and Expression. |
| Handling Procedure (Reconstitution) | <ol style="list-style-type: none">1. Centrifuge the product tube at 12,000 rpm for 1 min.2. Carefully add the required volume of sterile, nuclease-free ultrapure water.3. Vortex the tube to ensure the product is fully dissolved.4. To prevent degradation from repeated freeze-thaw cycles and to ensure long-term integrity, we recommend creating multiple single-use aliquots immediately after reconstitution. Store aliquots at -20°C for long-term storage. For immediate use, an aliquot may be stored at 4°C for up to 4 weeks. |
| Key Features | <ol style="list-style-type: none">1. High-quality genomic DNA from an authenticated microbial strain.2. High purity and integrity, suitable for a range of applications.3. Specific concentration and total amount. |
| Key Precautions | <ol style="list-style-type: none">1. Avoid repeated freeze-thaw cycles.2. Use nuclease-free water and labware.3. For best long-term results, use a buffer. |