Version 1

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OpenVent DNA Polymerase Production V.1

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Reclone.org (The Reagent Collaboration Network) Beneficial Bio

Jenny Molloy

ABSTRACT

This collection contains the protocols for production, quality control, packaging and use of Beneficial Bio's dehydrated OpenVent DNA Polymerase.

Format: 32 tubes (4x8-tube PCR strips) 20ul of Enzyme each

OpenVent DNA polymerase is an extremely high thermostable and high fidelity enzyme suitable for routine PCR applications and amplification of GC-rich or looped sequences. The enzyme is compatible with a wide range of templates and its robustness guarantees reliable amplification results in almost all PCR applications. The Eco and room temperature stable format - PCR reaction tube strips containing the dehydrated enzyme (10 reactions per tube), offers affordability and flexibility.

FEATURES

- Dehydrated formulation enables better stability at room temperature
- Ideal for a wide range of applications including GC-rich or looped sequences amplification
- Amplification of low copy DNA targets
- Eco formulation and flexible format

DOCUMENTS

Product Manual
Product Specification Sheet (PSS)
Certificate of Analysis (CoA)

COLLECTION CITATION

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IMAGE ATTRIBUTION

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FILES

Production of cellular reagents using IPTG
Version 1
by Nadine Mowoh

Functionality test (OpenVent polymerase, PCR Master Mixes)
Version 2
by Nadine Mowoh

Nuclease Test (OpenVent polymerase, PCR Master Mix, DNA loading dye)
Version 1
by Nadine Mowoh