

New England Biolabs Product Specification

Product Name: KLD Enzyme Mix
Catalog #: M0554S
Concentration: 10X Concentrate
Shelf Life: 24 months
Storage Temp: - 20°C
Composition (1X): Proprietary
Specification Version: PS-M0554S v1.0
Effective Date: 07 Apr 2017

Assay Name/Specification (minimum release criteria)

Functional Testing (Mutagenesis Kit) - A 10 µl reaction in KLD Reaction Buffer containing 1 µl of PCR product and 1 µl KLD Enzyme Mix is incubated for 5 minutes at room temperature . Transformation of 50 µl NEB 5-alpha Chemically Competent Cells with 5 µl of the KLD mixture yields >50 colonies with >75% blue colonies when 2.5% of the transformation is plated on Ampicillin, IPTG and Xgal and incubated overnight at 37°C.

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Date 07 Apr 2017

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Quality Approver

