

Certificate of Analysis

SoliSD™ Lyo-compatible Bsm DNA Polymerase Kit

Cat. No.

Lot No.

Pack Lot No.

Expiry date

Reagents provided:

- **SoliSD™ Glycerol-Free Bsm DNA Polymerase** (40 U/μl)
- **25x SoliSD™ Supplement**
- **10x Isothermal Reaction Buffer** (pH 8.8)
200 mM Tris-HCl, 150 mM (NH₄)₂SO₄, 1% Tween-20, 250 mM KCl
- **100 mM MgSO₄**
- **10x GC-rich Enhancer**

Shipping: at ambient temperature

Storage and stability*: at -20°C until Expiry Date. Shipping and temporary storage for up to 1 month at room temperature has no detrimental effects on the quality of the reagents.

Safety precautions: Please refer to Safety Data Sheet for more information.

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

**Product stability is assessed using routine QC assays and QC criteria set forth in the product specification and are intended to provide guidelines for shipping and storage conditions only. Customer or its designee shall be responsible for conducting all necessary stability testing applicable to their assay and/or QC criteria, and to comply with any applicable regulatory requirements or guidelines. Such stability testing shall include testing to validate the lead times for shipment, the shelf life of, and the product specifications applicable to shipment, storage and handling of the assay assembled and packed by the customer.*

Quality Control Assays:

SoliSD™ Lyo-compatible Bsm DNA Polymerase Kit

Assay	Result
Functional testing via qLAMP	passed
qLAMP reproducibility	passed
qLAMP repeatability	passed
DNA and RNA contamination	passed

SoliSD™ Glycerol-Free Bsm DNA Polymerase

Assay	Result
Strand displacement testing via fluorescence assay	passed
Functional testing via qLAMP	passed
qLAMP reproducibility	passed
qLAMP repeatability	passed
DNA and RNA contamination	passed
Protein purity assay (SDS-PAGE)	passed
DNase/RNase residue detection	passed
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed

Note – Standard Quality Control Tests are performed for each individual kit component included in the product and meet the designated specifications.

COA-32-21 v1

Effective from: 18.12.2023

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

APPROVED BY:

Head of Quality and Product Management