

Certificate of Analysis

SolisFAST® Master Mix with UNG Ready to Load, 5x

Cat. No.

Lot No.

Pack Lot No.

Expiry date

Concentration: 5x concentrate

Mix Composition:

- SolisFAST® DNA polymerase
- PCR reaction buffer
- dNTPs (including dUTP)
- 17.5 mM MgCl₂ (1x solution – 3.5 mM)
- UNG – Uracil N-glycosylase
- Blue dye: Migration equivalent to 3.5–4.5 kb DNA fragment
- Yellow dye: Migration equivalent to 35–45 bp DNA fragment
- Compound that increases sample density for direct loading

Shipping: at room temperature

Storage and stability: at -20°C until Expiry Date, at +4°C up to 12 months, at room temperature (15–25°C) up to 1 month.

Freeze-thaw stability: 30 cycles

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.

SolisFAST is a registered trademark of Solis BioDyne OÜ.

Quality Control Assays:

SolisFAST® Master Mix with UNG Ready to Load:

Assay	Result
PCR amplification	passed
PCR reproducibility	passed
DNA contamination (human gDNA)	passed
UNG activity	passed

SolisFAST® DNA Polymerase:

Assay	Result
Endodeoxyribonuclease activity	passed
Exodeoxyribonuclease activity	passed
Self-priming activity	passed

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

COA-24-22 v2
Revised 17.11.2022

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

APPROVED BY:

Product Quality Manager