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New England Biolabs Certificate of Analysis

Product Name: dam Methyltransferase

Catalog Number: M0222L
Concentration: 8,000 U/ml

Unit Definition: One unit is defined as the amount of enzyme required to protect 1 µg

Lambda (dam-) DNA in 1 hour at 37°C in a total reaction volume of 10

μl against cleavage by Mbol restriction endonuclease.

Lot Number: 10053806
Expiration Date: 08/2021
Storage Temperature: -20°C

Storage Conditions: 50 mM Tris-HCl, 50 mM KCl, 10 mM EDTA, 1 mM DTT, 200 µg/ml BSA, 50%

Glycerol, (pH 7.5 @ 25°C)

Specification Version: PS-M0222S/L v2.0

dam Methyltransferase Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
M0222LVIAL	dam Methyltransferase	10053805	Pass
B9003SVIAL	S-adenosylmethionine (SAM)	10049759	Pass
B0222SVIAL	dam Methylase Buffer	10021422	Pass

Lot # 10053806
Pass
Pass
Pass



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This product has been tested and shown to be in compliance with all specifications.

Tim Meixsell Production Scientist

27 Sep 2018

Michael Tonello

Packaging Quality Control Inspector

30 Aug 2019

