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New England Biolabs Certificate of Analysis

Product Name: Monarch® Precipitation Enhancer

Catalog Number: T3055L
Packaging Lot Number: 10193016
Expiration Date: 05/2025
Storage Temperature: 25°C

Specification Version: PS-T3055L v1.0

Monarch® Precipitation Enhancer Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3055-1	Monarch® Precipitation Enhancer	10186136	Pass

Assay Name/Specification	Lot # 10193016
Functional Testing (Genomic DNA Yield and Integrity Analysis)	Pass
Genomic DNA is purified from 8 samples of whole pig blood using the High Molecular	
Weight DNA Extraction from Blood (Frozen Mammalian Blood) protocol. Each set of	
reagents is functionally tested to ensure successful isolation of gDNA from frozen	
pig blood samples. Yield of genomic DNA is compared across various metrics including	
a minimum gDNA yield of 6 µg per extraction and a recovery equivalence of ≥85% as	
compared to the control lot. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the	
samples, and DIN values are ≥9 in ≥80% of the samples. In ≥ 80% of samples, ≥ 75% of	
the DNA is 50 kb in size or greater.	

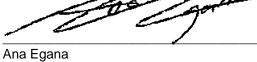
This product has been tested and shown to be in compliance with all specifications.

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T3055L / Lot: 10193016

Page 1 of 2



Ana Egana Production Scientist 09 Aug 2023 Julie Gaumont

Packaging Quality Control Inspector

aumo

09 Aug 2023