

New England Biolabs Certificate of Analysis

Product Name: Monarch® HMW DNA Extraction Kit for Tissue
Catalog Number: T3060S
Packaging Lot Number: 10265565
Expiration Date: 11/2026
Storage Temperature: 25°C
Specification Version: PS-T3060S/L v3.0

Monarch® HMW DNA Extraction Kit for Tissue Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3062-21	Monarch® Protein Separation Solution	10265476	Pass
T3061-21	Monarch® HMW gDNA Tissue Lysis Buffer	10265474	Pass
T3056-21	Monarch® gDNA Elution Buffer II	10265470	Pass
T3018-21	Monarch® RNase A	10265372	Pass
T3015-21	Monarch® gDNA Wash Buffer	10265358	Pass
T3005-21	Monarch® DNA Capture Beads (10)	10265327	Pass
T3004-21	Monarch® Bead Retainers	10265324	Pass
T3003-21	Monarch® 2 ml Tubes (10)	10264543	Pass
T3002-21	Monarch® Pestles (5)	10264541	Pass
T3001-21	Monarch® Pestle Tubes (5)	10264533	Pass
T2118-23	Monarch® Spin Collection Tubes	10264531	Pass
P8200GVIAL	Proteinase K, Molecular Biology Grade	10262745	Pass

Assay Name/Specification	Lot # 10265565
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Monarch® HMW DNA Extraction Kit for Tissue and meet the designated specifications.</p>	Pass
<p>Functional Testing (Genomic DNA Yield and Integrity Analysis) (Tissue) Genomic DNA is purified from 8 samples of NEB 10-beta Competent E. coli using the High Molecular Weight DNA Extraction from Bacteria protocol. Each set of reagents is functionally tested to ensure successful isolation of gDNA from 1 x 10⁹ cells. Yield of genomic DNA is ≥6 µg in ≥80% of the samples. 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.</p>	Pass

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



Judith Pacheco
Production Scientist
17 Jan 2025



Julie Gaumont
Packaging Quality Control Inspector
26 Feb 2025