

New England Biolabs Certificate of Analysis

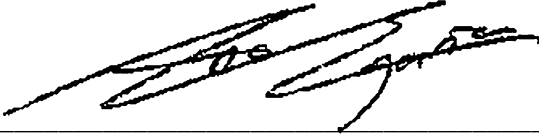
Product Name: *Monarch® HMW DNA Extraction Kit for Tissue*
 Catalog Number: *T3060S*
 Packaging Lot Number: *10193020*
 Expiration Date: *05/2025*
 Storage Temperature: *25°C*
 Specification Version: *PS-T3060S/L v2.0*

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	10186151	Pass
T3061-21	Monarch® HMW gDNA Tissue Lysis Buffer	10186147	Pass
T3056-21	Monarch® gDNA Elution Buffer II	10195508	Pass
T3018-21	Monarch® RNase A	10184644	Pass
T3015-21	Monarch® gDNA Wash Buffer	10186061	Pass
T3005-21	Monarch® DNA Capture Beads (10)	10186078	Pass
T3004-21	Monarch® Bead Retainers (5)	10095363	Pass
T3003-21	Monarch® 2 ml Tubes (10)	10179463	Pass
T3002-21	Monarch® Pestles (5)	10179460	Pass
T3001-21	Monarch® Pestle Tubes (5)	10179455	Pass
T2018-23	Monarch® Collection Tubes II	10183686	Pass
P8107GVIAL	Proteinase K, Molecular Biology Grade	10198925	Pass

Assay Name/Specification	Lot # 10193020
<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.



Ana Egana
Production Scientist
09 Aug 2023



Julie Gaumont
Packaging Quality Control Inspector
09 Aug 2023