

New England Biolabs Certificate of Analysis

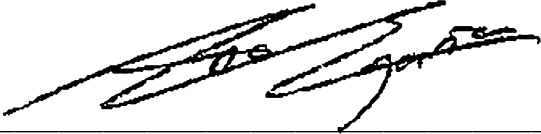
Product Name: Monarch® HMW DNA Extraction Kit for Tissue
Catalog Number: T3060S
Packaging Lot Number: 10152961
Expiration Date: 06/2024
Storage Temperature: 25°C
Specification Version: PS-T3060S/L v2.0

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	10152826	Pass
T3061-21	Monarch® HMW gDNA Tissue Lysis Buffer	10152823	Pass
T3056-21	Monarch® gDNA Elution Buffer II	10152817	Pass
T3018-21	Monarch® RNase A	10137961	Pass
T3015-21	Monarch® gDNA Wash Buffer	10153314	Pass
T3005-21	Monarch® DNA Capture Beads (10)	10152786	Pass
T3004-21	Monarch® Bead Retainers (5)	10142461	Pass
T3003-21	Monarch® 2 ml Tubes (10)	10119955	Pass
T3002-21	Monarch® Pestles (5)	10152770	Pass
T3001-21	Monarch® Pestle Tubes (5)	10152768	Pass
T2018-23	Monarch® Collection Tubes II	10142459	Pass
P8107GVIAL	Proteinase K, Molecular Biology Grade	10118355	Pass

Assay Name/Specification	Lot # 10152961
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 10 ⁹ 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.	Pass
* 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.	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
25 Oct 2022



Michael Burzyk
Packaging Quality Control Inspector
25 Oct 2022