

## New England Biolabs Certificate of Analysis

Product Name: *Monarch® HMW DNA Extraction Kit for Tissue*  
 Catalog Number: *T3060G*  
 Packaging Lot Number: *10114355*  
 Expiration Date: *05/2023*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T3060G v1.0*

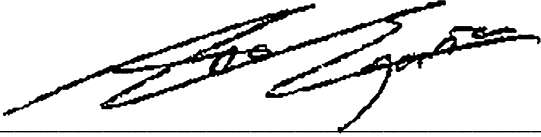
Monarch® HMW DNA Extraction Kit for Tissue Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T3062-21	Monarch® Protein Separation Solution	10104429	Pass
T3061-21	Monarch® HMW gDNA Tissue Lysis Buffer	10104427	Pass
T3056-21	Monarch® gDNA Elution Buffer II	10104425	Pass
T3018-21	Monarch® RNase A	10095021	Pass
T3015-21	Monarch® gDNA Wash Buffer	10108596	Pass
T3005-21	Monarch® DNA Capture Beads (10)	10103144	Pass
T3004-21	Monarch® Bead Retainers (5)	10095363	Pass
T3003-21	Monarch® 2 ml Tubes (10)	10103142	Pass
T3002-21	Monarch® Pestles (5)	10103140	Pass
T3001-21	Monarch® Pestle Tubes (5)	10103138	Pass
T2018-23	Monarch® Collection Tubes II (5)	10095485	Pass
P8107GVIAL	Proteinase K, Molecular Biology Grade	10105119	Pass

Assay Name/Specification	Lot # 10114355
<p><b>* Individual Product Component Note</b>            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><b>Functional Testing (Genomic DNA Yield and Integrity Analysis) (Tissue)</b>            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<sup>9</sup> 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.</p>	Pass

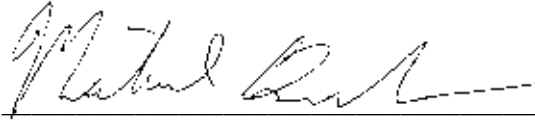
This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit

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28 Jul 2021



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28 Jul 2021