

# NGS Normalization 96-Well Kit

CAT. 61900

FOR HIGH-THROUGHPUT NGS LIBRARY PCR AMPLICON  
CLEAN-UP AND NORMALIZATION OF NGS LIBRARY PCR  
PRODUCT CONCENTRATION



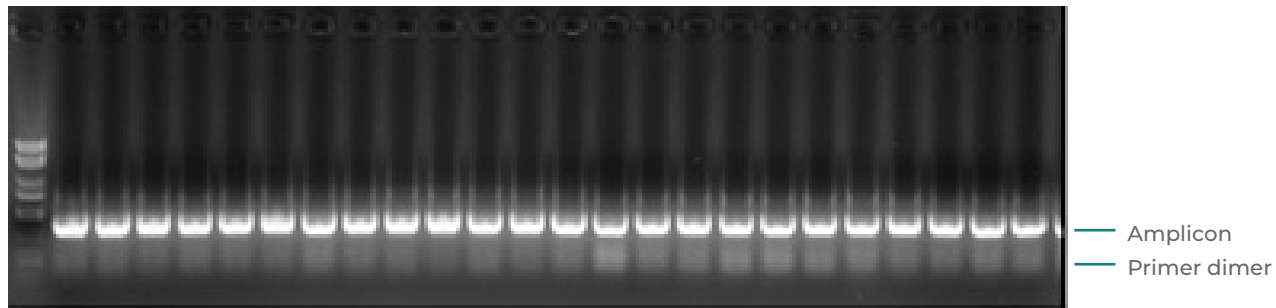
- ✓ Removes primer dimers
- ✓ Simultaneous clean-up and normalization of PCR products
- ✓ Fast - less than 20-minute protocol
- ✓ High-throughput and easy processing using centrifugation
- ✓ Sufficient elution volume (100  $\mu$ L) for repeat or future assays
- ✓ Purification is based on 96-well column chromatography using Norgen's proprietary resin



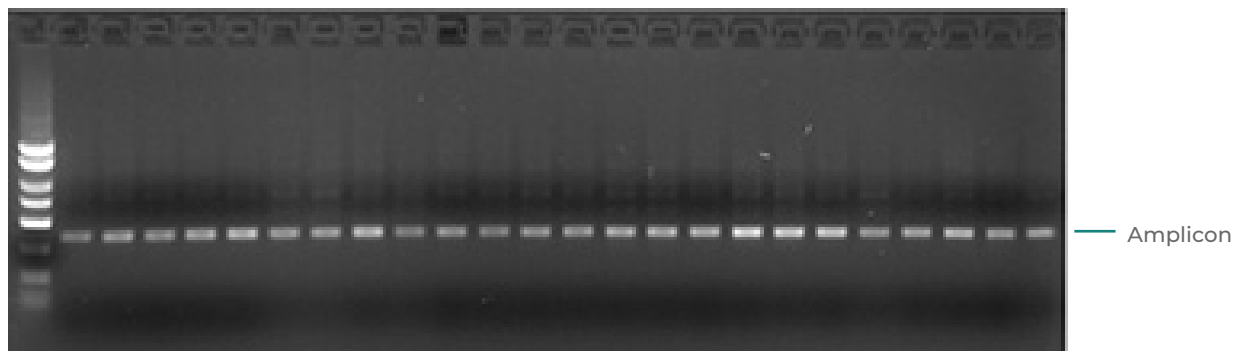
[norgenbiotek.com](http://norgenbiotek.com)

# Advantages You Will Bring to Your Lab

A

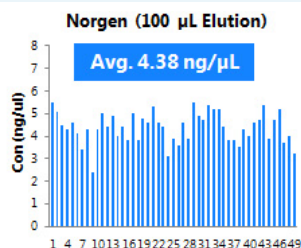
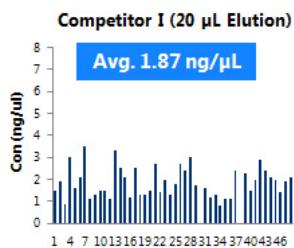


B



SUCCESSFULLY REMOVES PRIMER DIMERS AND NORMALIZES THE CONCENTRATION

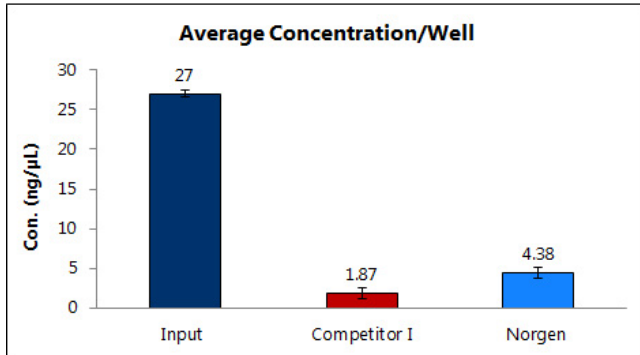
**Figure 1.** The V4 region of the 16S rRNA gene (~250bp) was amplified in 20  $\mu$ L of PCR reaction using 16S indexed primers and normalized using Norgen's NGS Normalization 96-Well Kit. The kit successfully removes primer dimers and normalizes the concentration in the 100  $\mu$ L of elution. A: Before Normalization (Original PCR product), B: After normalization with Norgen's NGS normalization kit.



NORGEN'S NGS NORMALIZATION KIT ALLOWS BETTER NORMALIZATION AND YIELD

**Figure 2.** Comparison with SequelPrep Normalization Plate (96) Kit (Invitrogen) for the normalized DNA yield. Fifty PCR products (20  $\mu$ L reaction) from the same PCR reaction batch were randomly divided and normalized using the two different kits. The larger elution volume and higher concentration provided with Norgen's NGS Normalization Kit allows for repeated and future assays to be performed.

Input		Competitor I			Norgen		
Avg	Std Dev	Avg	Std Dev	Error %	Avg	Std Dev	Error %
27	0.4	1.87	0.66	35.41	4.38	0.68	15.41



## UNIFORM NORMALIZATION PERFORMANCE

**Figure 3. The efficiency of the DNA normalization in comparison with SequalPrep (Invitrogen).** Norgen's NGS Normalization 96-Well Kit showed a lower error percentage compared to Invitrogen's SequalPrep Kit, indicating the uniform normalization performance of Norgen's kit.

## TECHNICAL COMPONENTS

Description	Specifications
Buffer SK	30 mL
Wash Solution A	2 x 38 mL
Elution Buffer B	30 mL
96-Well Normalization Plate	2
96-Well Collection Plate	2
96-Well Elution Plate	2
Adhesive Tape	1
Product Insert	1

## SELECT PUBLICATIONS

Publication Title	Authors	Journal	Year
Efficient in vivo prime editing corrects the most frequent phenylketonuria variant, associated with high unmet medical need.	Dominique L. Brooks, Madelynn N. Whittaker, Ping Qu, Kiran Musunuru, Rebecca C. Ahrens-Nicklas, Xiao Wang	American journal of human genetics	2023
The persistence and stabilization of auxiliary genes in the human skin virome	Graham, E.H., Tom, W.A., Neujahr, A.C. et al.	Virology Journal	2023
Generating amplicon reads for microbial community assessment with next-generation sequencing.	M Gołębiewski, A Tretyn	Journal of applied microbiology	2020

# Ordering Information

Description	Preps	Cat. #
NGS Normalization 96-Well Kit	2 x 96-Well Plates	61900

## Order Today!

Order Norgen's NGS Normalization 96-Well Kit today to help improve your research performance and workflow.

### Three ways to order

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