

*Saving Time and Labor Reducing Human ERRORS*

# ALINE DNA Normalizer™ Data Sheet

US Paten Number 8,536,322

## System Overview

ALINE DNA Normalizer™ Kit allows simple, high-throughput amplicon purification and concentration normalization of NGS library, PCR products or gDNA (within 3 fold range) via a patented magnetic beads technology.

## Features

- 👉 **Dual action: Both normalization and cleanup occurs in one process.**
- 👉 **Flexible:** any number of samples in one run; tube, 96-and 384-well formats
- 👉 **Manual and automation friendly**
- 👉 **High Yield:** up to 100ng DNA
- 👉 **Fast:** as fast as 30 min
- 👉 **Consistent performances**
- 👉 **Simpler Process**

## Applications:

- Next generation sequencing
- Target enrichment

## System Specifications

- Starting Material: at least 300ng PCR product, DNA library per reaction or genomic DNA
- DNA Fragment Size: 100 bp to 20 kb
- Elution Volume: 20 µl
- DNA Yield: Up to 100 ng per reaction
- Normalization Range: concentration within 2–3 fold
- Customized kits available if needed

## Data:

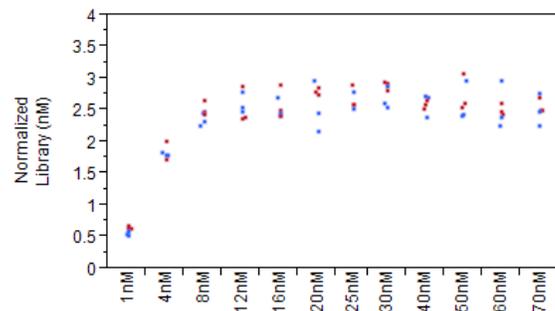


Figure 1 A serial number of Illumina Library samples with a concentration ranging from 1nM to 70nM are normalized to 2-3nM after processed by ALINE DNA Normalizer Kit. (Courtesy of Diagnostic Company A)

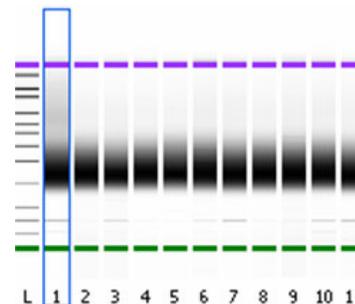


Figure 2a and b A random run data of a routine QC testing after Illumina Library Prep normalization using ALINE Normalizer is shown above (2a) and below (2b) using Bioanalyzer (Agilent). (Courtesy of Diagnostic Company B)

