



# Illumina TruSeq Nano DNA

## Description and Workflow

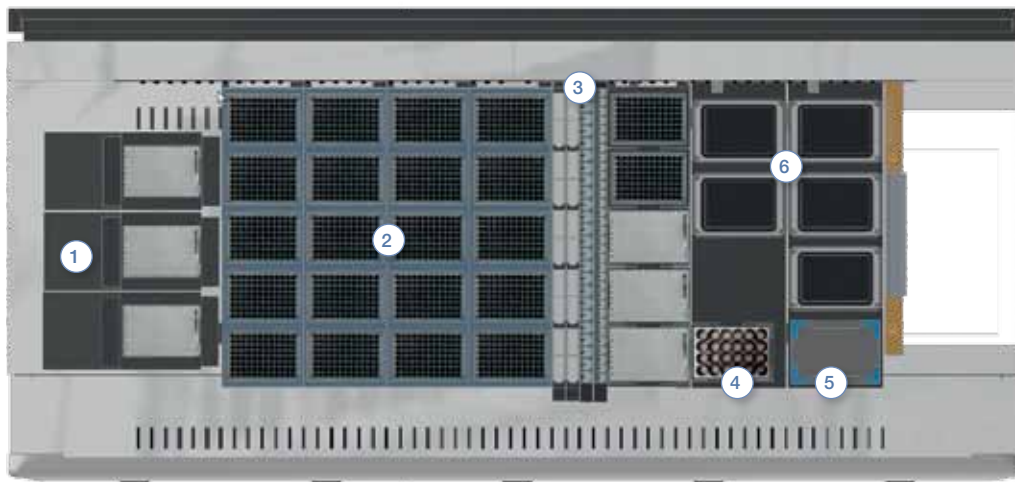
This kit prepares up to 96 pooled, indexed paired-end libraries of genomic DNA (gDNA) for subsequent cluster generation and DNA sequencing.

The goal of this protocol is to add adapter sequences onto the ends of DNA fragments to generate indexed single read or paired-end sequencing libraries. The method uses PCR steps.



\* Incubations are performed on Hamilton Heater Shakers (HHS) set at different temperatures. PCR amplification is performed off line. Optional on-line Thermal Cycling with ODT. \*\* Library Validation is performed off-line on 3<sup>rd</sup> party devices.

## Deck Layout



- 1 Plate Stackers
- 2 Tips
- 3 Reagents
- 4 Magnet
- 5 CPAC
- 6 Hamilton Heater Shakers (5)

## Recommended Platforms

| Platform | Pipetting Channels | 96 MPH | Batch size | ODTC * |
|----------|--------------------|--------|------------|--------|
| STARlet  | 8                  | No     | 48 samples | No     |
| STAR     | 8                  | No/Yes | 96 samples | Yes    |

\* On Deck Thermal Cycler

