

VAHTS Library Quantification Kit for Illumina DNA Standard 1 - 6

NQ105

Version 25.1



Product Description

DNA Standard 1 - 6 are provided as reference standards for fluorescence-based library quantification and are recommended for use with the VAHTS Library Quantification Kit for Illumina 2.0 (Vazyme #NQ107).

Components

Components	Standard Molar Concentrations	NQ105 (8 rxns)
 DNA Standard 1	20 pM	96 μ l
 DNA Standard 2	2 pM	96 μ l
 DNA Standard 3	0.2 pM	96 μ l
 DNA Standard 4	0.02 pM	96 μ l
 DNA Standard 5	0.002 pM	96 μ l
 DNA Standard 6	0.0002 pM	96 μ l

Storage

Store at -30 ~ -15°C and ship at $\leq 0^{\circ}\text{C}$.

Notes

1. During preparation of reaction mix, DNA Standards should be added from the lowest to the highest concentration (i.e., from DNA Standard 6 to 1). A new pipette tip must be used for each transfer to avoid aerosol contamination.
2. To prevent contamination of the diluent, it is recommended that library dilution, master mix preparation, and template addition be performed in three physically separated areas.
3. Due to the complexity of data calculation, we recommend exporting the qPCR data to the Vazyme Library Quantification Data Analysis Template (available on the Vazyme official website; www.vazyme.com - Resource - Tools - Library Quantification Data Analysis) for evaluation and calculation.

For Research Use Only. Not for use in diagnostic procedures.