

Quantify BR DNA Kit

SuGenomik Quantify DNA Measurement Kits allow precise quantitation of DNA samples across a wide range of concentrations.

This kit is intended for quantification of double-stranded DNA in the broad range with fluorometer (any version can be used) in Next Gen Sequencing applications. Unlike absorbance-based nucleic acid quantitation, fluorescence-based DNA or RNA quantitation is highly sensitive and selective for DNA and provides more accurate DNA concentration in the presence of common contaminants, including free nucleotides, protein, detergents and salts.

Quantify dsDNA BR fluorescent dye concentrate 200x, buffer for preparation of dye working solution, and DNA concentration standards (0 and 100 ng/ μL).

This kit allows accurate dsDNA quantification in the range from 200 pg/ μL to 200 ng/ μL for initial sample.

This kit is appropriate for the measurement of DNA with all versions of the Qubit fluorimeter.



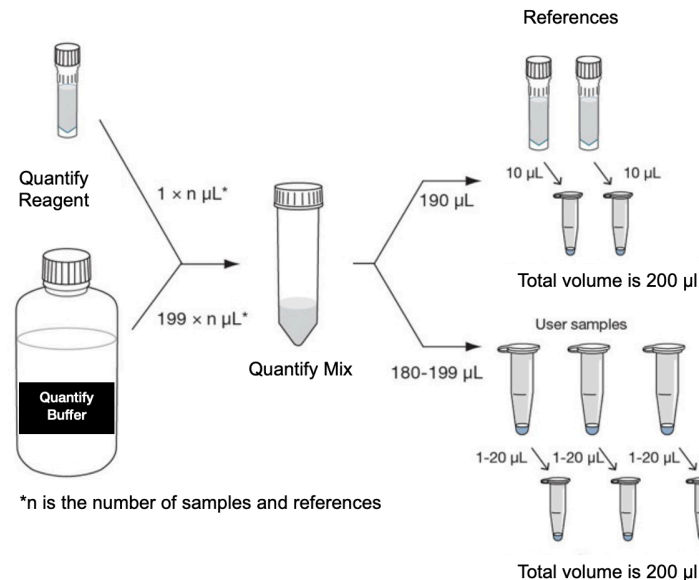
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The main kit component is QuantifyDye dsDNA BR fluorescent dye, which selectively interacts with DNA and exhibits enhanced fluorescence upon binding to DNA molecule.

This kit allows convenient dsDNA quantification in the broad concentration range and does not require a large volume of the initial sample (1–20 μL is required for the assay).

All measurements are performed at room temperature and take on average 15–20 minutes (depending on the sample amount). To perform a measurement, prepare Quantify Mix, dilute DNA standards and experimental samples with it in individual tubes and perform fluorescence measurements using fluorometer.



Quantify BR DNA Kit for Qubit measurement

Cat No: QUDNA1A002 for 500 assays

