

iQuant™ Nucleic Acid Assay

—Accuracy, sensitivity, and specificity

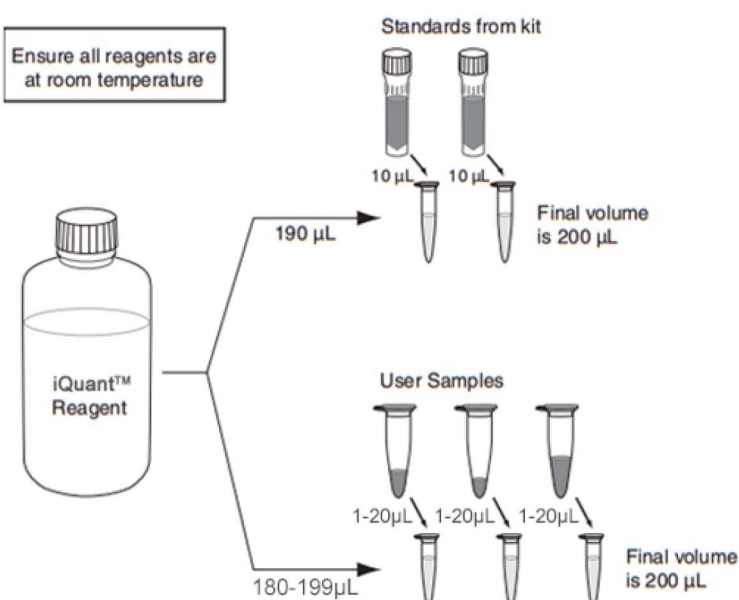


- ❖ Ultra-sensitive — 100 times more sensitive than NanoDrop.
- ❖ Broad dynamic range — Over four orders of magnitude.
- ❖ More accuracy — Unaffected by proteins and free nucleotides.
- ❖ Easy to use — Mix-and-read format.
- ❖ Instrument compatibility — Compatible with fluorescence plate reader, or Qubit®.

iQuant™ Nucleic Acid Assay Selection Guide

	Target	Initial sample concentration	Application
iQuant™ NGS-HS dsDNA Assay Kit	dsDNA	10 pg/μL – 100 ng/μL	Useful for quantitation of DNA samples for Next Gen Sequencing
iQuant™ dsDNA HS Assay Kit	dsDNA	10 pg/μL – 100 ng/μL	Useful for quantitation of PCR products, viral DNA, and samples for subcloning and Next Gen Sequencing
iQuant™ dsDNA BR Assay Kit	dsDNA	100 pg/μL – 1 μg/μL	Useful for quantitation of genomic and miniprep DNA samples
iQuant™ ssDNA Assay Kit	ssDNA	50 pg/μL – 200 ng/μL	Useful for quantitation of oligo, primers, denatured DNA, PCR products
iQuant™ RNA HS Assay Kit	RNA	250 pg/μL – 100 ng/μL	Useful for quantitation of samples for microarray, RT-PCR, and Northern blot procedures
iQuant™ RNA BR Assay Kit	RNA	1 ng/μL – 1 μg/μL	Useful for quantitation of samples for microarray, RT-PCR, and Northern blot procedures

Assay Workflow

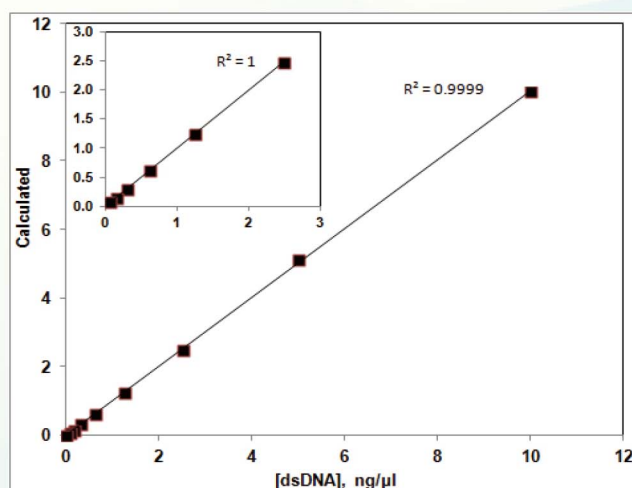
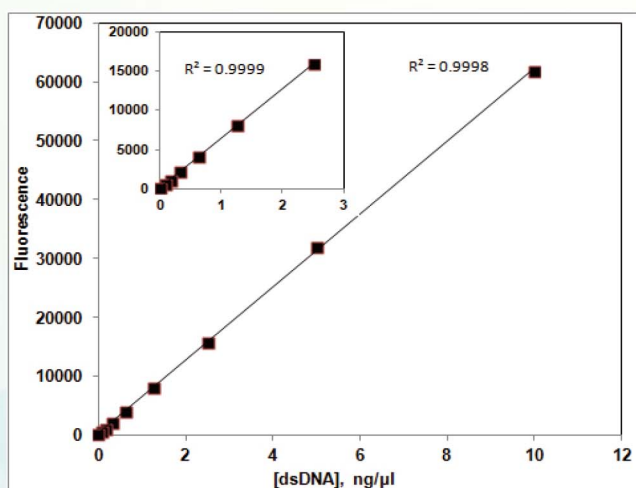


Vortex all assay tubes for 2-3 seconds

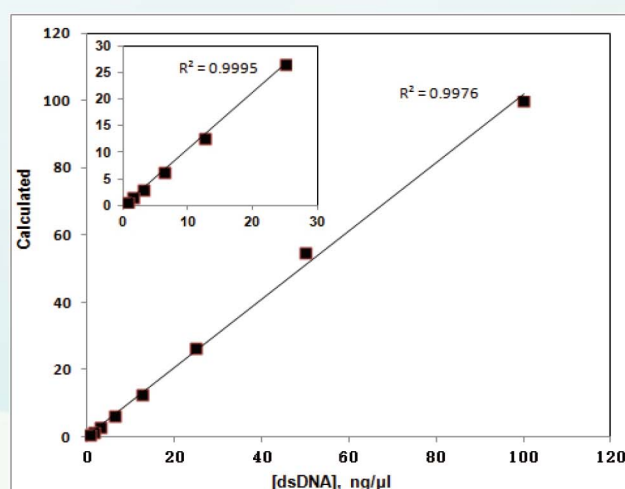
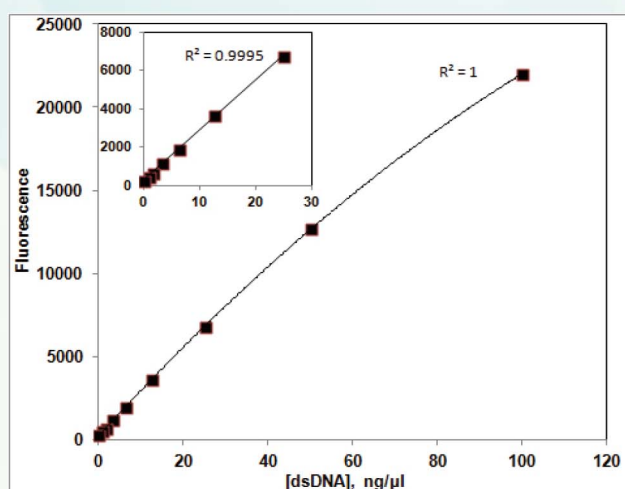
Incubate at room temperature for 2 minutes

Read tubes in Qubit® Fluorometer





iQuant™ NGS-HS dsDNA Assay Kit using plate reader and Qubit®



iQuant™ dsDNA BR Assay Kit using plate reader and Qubit®

Product Information

Cat. No.	Product Name	Unit size	Price
N010	iQuant™ dsDNA HS Assay Kit	200T	\$45.00
N011		1000T	\$180.00
N012	iQuant™ dsDNA BR Assay Kit	200T	\$45.00
N013		1000T	\$180.00
N014	iQuant™ ssDNA Assay Kit	200T	\$45.00
N015		1000T	\$180.00
N016	iQuant™ RNA HS Assay Kit	200T	\$45.00
N017		1000T	\$180.00
N018	iQuant™ RNA BR Assay Kit	200T	\$45.00
N019		1000T	\$180.00
N020	iQuant™ NGS-HS dsDNA Assay Kit	200T	\$80.00
N021		500T	\$160.00