



Quantify confidently
for next-generation sequencing
NGS tools to quantify RNA, DNA, and
sequencing-ready libraries for projects of all sizes

Quantification 1: Nucleic acids

Accurately quantify DNA or RNA for input into library preparation to help achieve optimal library yields and quality



Lower throughput: Qubit fluorometers

Accurately and quickly quantify DNA or RNA with high sensitivity and specificity. Choose the Invitrogen™ Qubit™ 4 Fluorometer for single-sample throughput or the Invitrogen™ Qubit™ Flex Fluorometer—with helpful normalization and molarity calculators—to measure up to 8 samples at once.

Find out more at

thermofisher.com/qubit



Higher throughput: Varioskan LUX Multimode Microplate Reader with Quant-iT assays

Quantifying many DNA or RNA samples accurately is quick and easy with the Thermo Scientific™ Varioskan™ LUX Multimode Microplate Reader paired with Invitrogen™ Quant-iT™ assay kits.

Find out more at

thermofisher.com/varioskanlux



Quantification 2: Sequencing-ready libraries

Accurately quantify NGS libraries to achieve optimal flow cell cluster density and sequencing results



Quantify NGS libraries of any type more quickly for sequencing on Illumina™ NGS systems

Based on Invitrogen™ Platinum™ II *Taq* Hot-Start DNA Polymerase, the Invitrogen™ Collibri™ Library Quantification Kit includes a ready-to-use master mix that contains all components needed for the amplification reaction, including primers and passive reference dye, and does not require any preparation before use.

Find out more at

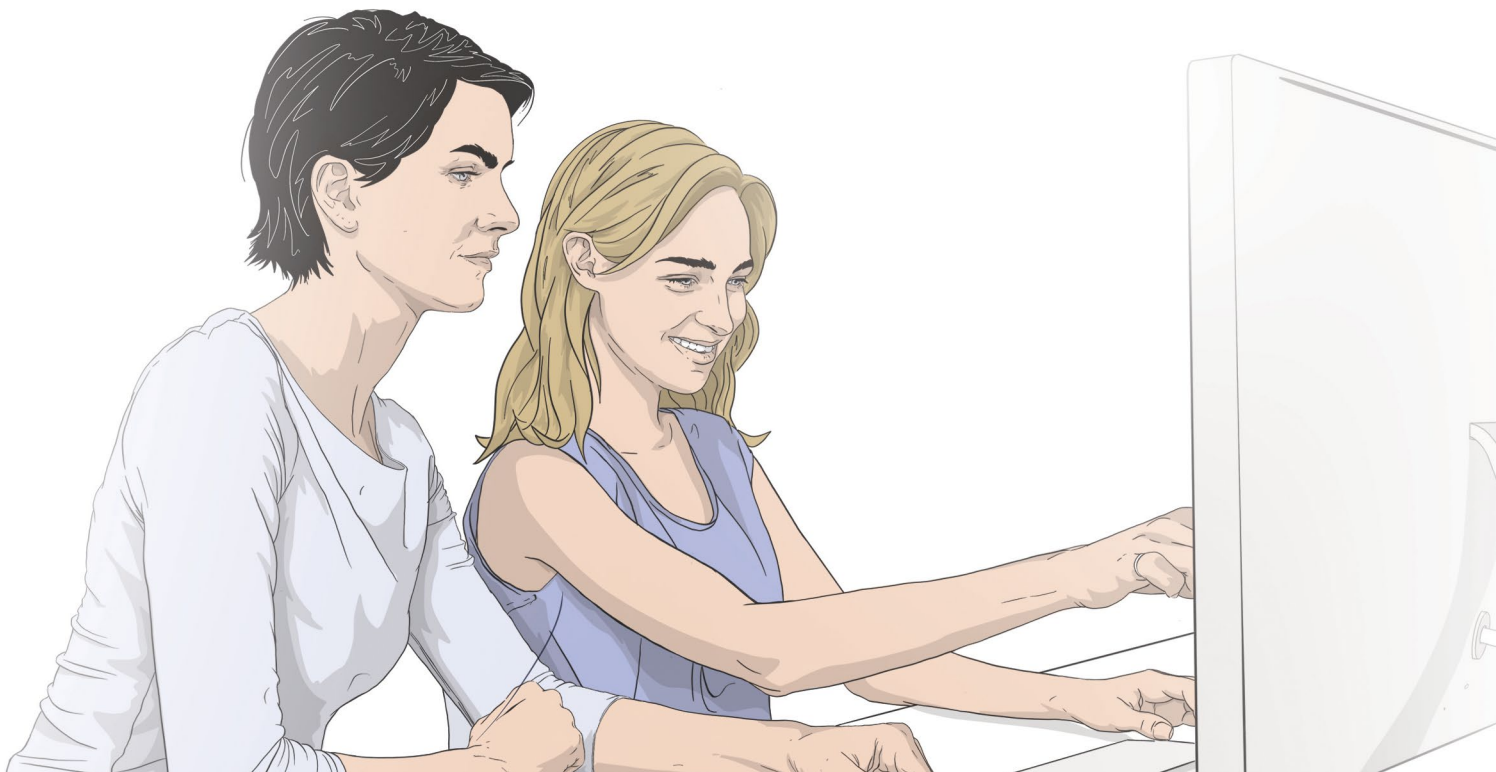
thermofisher.com/collibriquant

Smarter productivity and connectivity in real-time PCR

The Applied Biosystems™ QuantStudio™ 6 and 7 Pro Real-Time PCR Systems are designed to offer high quality and excellent reliability with features that deliver a smart workflow experience.

Find out more at

thermofisher.com/quantstudiopro



	Product	Initial sample concentration	Quantitation range	Quantity	Cat. No.
Quantify nucleic acids	Instrument and accessories				
	Qubit dsDNA BR Assay Kit	100 pg/μL–1,000 ng/μL	2–1,000 ng	100 assays	Q32850
				500 assays	Q32853
	Qubit 1X dsDNA HS Assay Kit	10 pg/μL–100 ng/μL	0.2–100 ng	100 assays	Q33230
				500 assays	Q33231
	Qubit RNA BR Assay Kit	1 ng/μL–1 μg/μL	20–1,000 ng	100 assays	Q10210
				500 assays	Q10211
	Qubit RNA HS Assay Kit	250 pg/μL–100 ng/μL	5–100 ng	100 assays	Q32852
				500 assays	Q32855
	Qubit 4 Fluorometer			1 instrument	Q33226
	Qubit 4 Quantitation Starter Kit			1 instrument kit	Q33227
	Qubit 4 NGS Starter Kit			1 instrument kit	Q33228
	Qubit Flex Fluorometer			1 instrument	A44984
	Qubit Flex Quantification Starter Kit			1 instrument kit	A45925
	Qubit Flex NGS Starter Kit			1 instrument kit	A45924
	Microplate assays and instruments				
	Quant-iT PicoGreen dsDNA Assay Kit			1,000 assays	P11496
	Quant-iT dsDNA Assay Kit, high sensitivity			1,000 assays	Q33120
	Quant-iT dsDNA Assay Kit, broad range			1,000 assays	Q33130
	Quant-iT RiboGreen RNA Assay Kit			1,000 assays	R11490
Quant-iT OliGreen ssDNA Reagent			1,000 assays	O7582	
Quant-iT OliGreen ssDNA Assay Kit			1,000 assays	O11492	
Varioskan LUX Multimode Microplate Reader			1 instrument	VL0000D0*	

* Multiple configurations—choose the model that best meets your needs.

	Product	Quantity	Cat. No.	
Quantify NGS libraries for Illumina systems	Library quantification			
	Collibri Library Quantification Kit	100 rxns	A38524100	
		500 rxns	A38524500	
	PCR systems		Cat. No.*	Cat. No. w/ Service Bundle**
	QuantStudio 6 Pro Real-Time PCR System, 96-well, 0.2 mL block		A43159	A44288**
	QuantStudio 7 Pro Real-Time PCR System, 96-well, 0.2 mL block		A43162	A44289**
	QuantStudio 6 Pro Real-Time PCR System, 384-well block		A43161	A45582**
	QuantStudio 7 Pro Real-Time PCR System, 384-well block		A43164	A45583**

* These do not include computer. Additional Cat. No. are available, which include laptop or desktop computers.

** Complimentary service package includes SmartStart™ Orientation, 1-year AB Assurance, 1 PM extended warranty.

See inside for further information on all **assays and instruments**.