



# Qubit 4 Fluorometer—fast answers for precious samples

Find out if you have enough DNA or RNA for your experiment



Purify DNA



Purify RNA



Quantitate



Analyze

The Invitrogen™ Qubit™ 4 Fluorometer with Wi-Fi is designed to quickly and specifically quantitate DNA or RNA.

### Key features include:

- Invitrogen™ Qubit™ assay dyes bind selectively to DNA, RNA, or protein, making it more sensitive than UV absorbance
- Uses as little as 1 µL of sample, even with very dilute samples
- Fast, reliable detection of degraded RNA with the Invitrogen™ Qubit™ RNA IQ Assay
- Integrated reagent calculator to quickly generate working solution calculations
- Flexible options for exporting results: Wi-Fi, USB drive, or direct connection with a USB cable

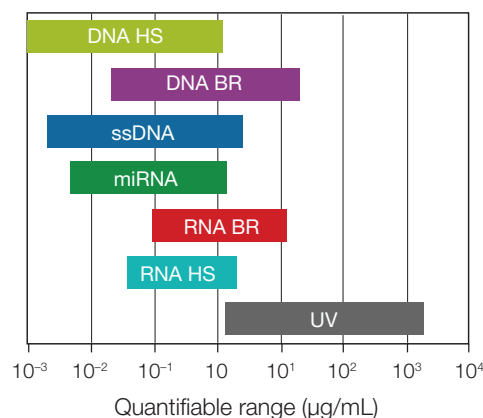


Figure 1. Comparison of quantifiable sample concentration ranges for the Qubit assays vs. UV absorbance measurements. UV absorbance readings are not selective for RNA vs. DNA.

## Features of Qubit assays

- Kits contain concentrated assay reagent, dilution buffer, and prediluted standards
- All assays are performed using the same general protocol with a simple mix-and-read format
- Dyes fluoresce only when bound to the target of interest, minimizing the effects of contaminants—including degraded DNA or RNA—on the result
- Only 2 minutes of incubation time required for DNA and RNA assays

## Ordering information

Product	Initial sample concentration	Quantitation range	Quantity	Cat. No.
<b>RNA integrity and quality kit</b>				
Qubit RNA IQ Assay Kit*	NA	NA	75 assays	Q33221
			275 assays	Q33222
<b>RNA quantitation kits</b>				
Qubit RNA BR Assay Kit	1 ng/μL to 1 μg/μL	20–1,000 ng	100 assays	Q10210
			500 assays	Q10211
Qubit RNA HS Assay Kit	250 pg/μL to 100 ng/μL	5–100 ng	100 assays	Q32852
			500 assays	Q32855
Qubit microRNA Assay Kit	50 ng/mL to 100 μg/mL	1–1,000 ng	100 assays	Q32880
			500 assays	Q32881
<b>DNA quantitation kits</b>				
Qubit ssDNA Assay Kit	50 pg/μL to 200 ng/μL	1–200 ng	100 assays	Q10212
Qubit dsDNA BR Assay Kit	100 pg/μL to 1,000 ng/μL	2–1,000 ng	100 assays	Q32850
			500 assays	Q32853
Qubit dsDNA HS Assay Kit	10 pg/μL to 100 ng/μL	0.2–100 ng	100 assays	Q32851
			500 assays	Q32854
Qubit 1X dsDNA HS Assay Kit	10 pg/μL to 100 ng/μL	0.2–100 ng	100 assays	Q33230
			500 assays	Q33231
<b>Protein quantitation kit</b>				
Qubit Protein Assay Kit	12.5 μg/mL to 5 mg/mL	0.25–5 μg	100 assays	Q33211
			500 assays	Q33212
<b>Instrument and accessories</b>				
Qubit 4 System Verification Assay Kit			1 kit	Q33237
Qubit 4 Fluorometer with Wi-Fi			1 instrument	Q33238
Qubit 4 Quantitation Starter Kit (with Wi-Fi)			1 kit	Q33239
Qubit 4 NGS Starter Kit (with Wi-Fi)			1 kit	Q33240
Qubit 4 RNA IQ Starter Kit (with Wi-Fi)			1 kit	Q33241
Qubit Assay Tubes			500 tubes	Q32856

\* Note: The Qubit RNA IQ Assay for the detection of degraded RNA can only be run on the Qubit 4 Fluorometer and cannot be performed on the original Qubit, Qubit 2.0, or Qubit 3.0 Fluorometers.

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