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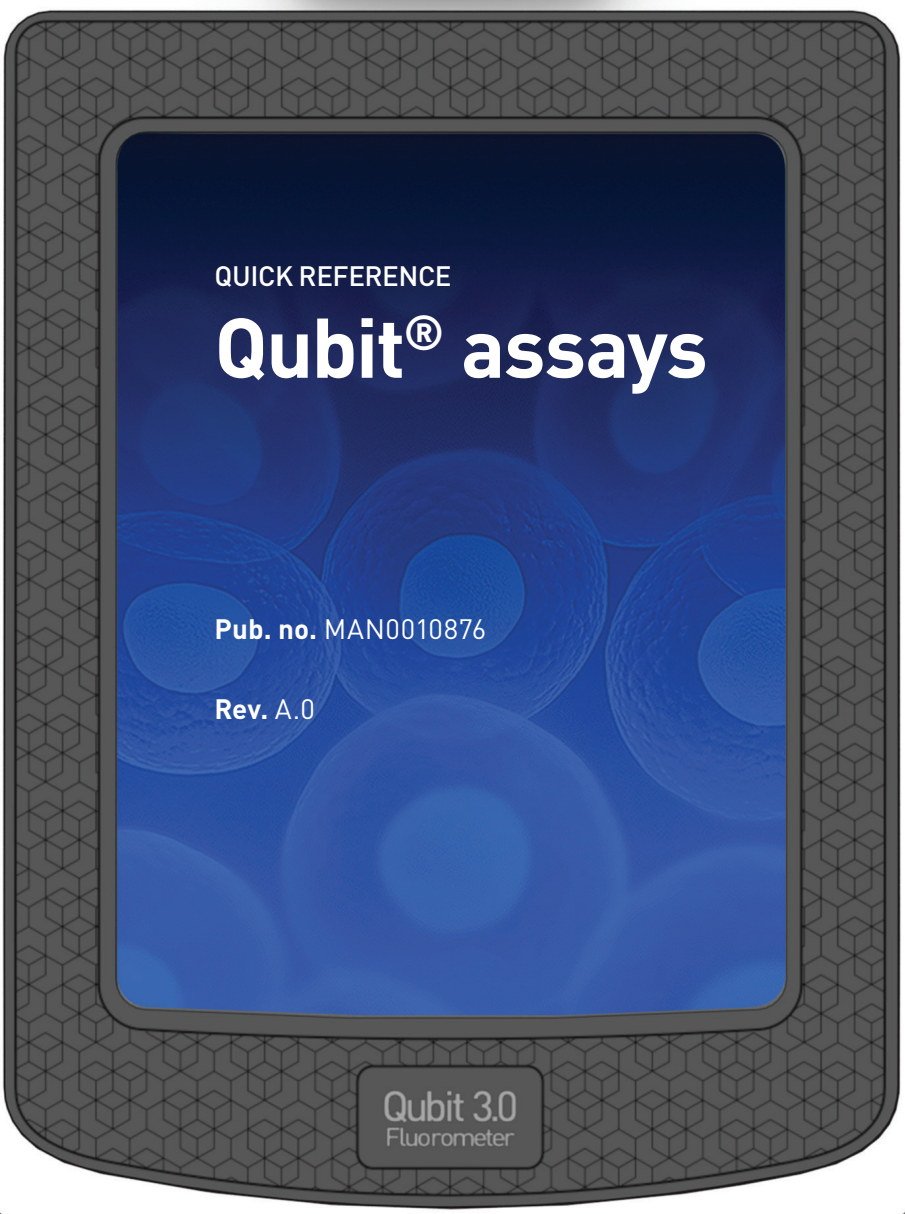
QUICK REFERENCE

Qubit® assays

Pub. no. MAN0010876

Rev. A.0



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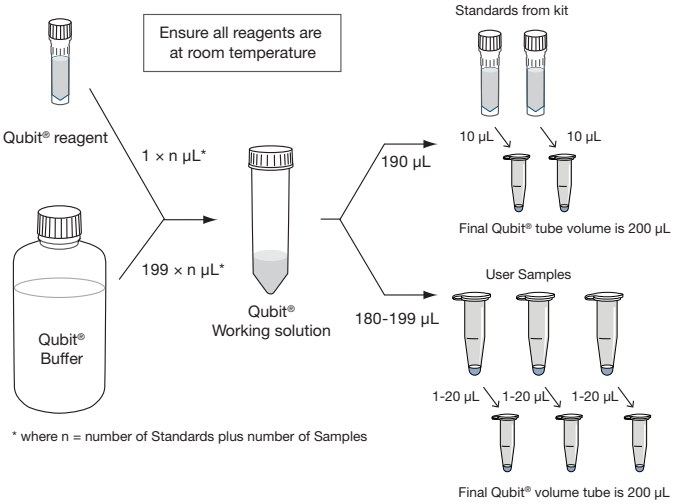
NOTE: For best results, store the dye and the buffer at room temperature. Store the DNA, RNA, and protein standards at 4°C. Ensure that all assay reagents are at room temperature before you begin.

1. Set up two Assay Tubes for the standards (three for the protein assay) and one Assay Tube for each user sample.
2. Prepare the Qubit® Working Solution by diluting the Qubit® reagent 1:200 in Qubit® buffer. Prepare 200 µL of Working Solution for each standard and sample.
3. Prepare the Assay Tubes* according to the table below.
4. Vortex all tubes for 2–3 seconds.
5. Incubate the tubes for 2 minutes at room temperature (15 minutes for the Qubit® protein assay).
6. Insert the tubes in the Qubit® Fluorometer and take readings. For detailed instructions, refer to the Qubit® Fluorometer manual.

	Standard Assay Tubes	User Sample Assay Tubes
Volume of Working Solution (from step 2) to add	190 µL	180–199 µL
Volume of Standard (from kit) to add	10 µL	—
Volume of User Sample to add	—	1–20 µL
Total Volume in each Assay Tube	200 µL	200 µL

* Use only thin-wall, clear 0.5 mL PCR tubes. Acceptable tubes include Qubit® assay tubes (set of 500, Cat. no. Q32856) or Axygen PCR-05-C tubes (VWR, part no. 10011-830).



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