

# Qubit® RNA BR Assay Kit

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Detailed protocol is available online at [www.lifetechnologies.com/manuals](http://www.lifetechnologies.com/manuals), and on the USB drive provided with the Qubit® 2.0 Fluorometer.

**WARNING!** For every chemical, read the Safety Data Sheets (SDSs) and follow the handling instructions.

Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

Chemical	CAS	Warning
DMSO	67-68-5	Components of the product may be absorbed into the body through the skin.

1. Set up 2 assay tubes for the standards and 1 tube for each user sample.
2. Prepare 200  $\mu$ L of Qubit® Working Solution for each standard and sample by diluting the Qubit® RNA BR Reagent 1:200 in Qubit® RNA BR Buffer.

For research use only. Not for use in diagnostic procedures.

3. Prepare the assay tubes (use 0.5-mL PCR tubes) according to the following table.

Volume	Standards	Samples
Working Solution (from step 2)	190 $\mu$ L	180–199 $\mu$ L
Standard (from kit)	10 $\mu$ L	—
User Sample	—	1–20 $\mu$ L
Total in each Assay Tube	200 $\mu$ L	200 $\mu$ L

4. Vortex standards and samples for 2–3 seconds and incubate at room temperature for 2 minutes.
5. Select **RNA Broad Range Assay** on the Qubit<sup>®</sup> 2.0 Fluorometer to calibrate with standards and read the samples.

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