

# DNA & RNA Quantitation kits

High-performance fluorescent assays for all your quantitation needs

Get precise, reliable quantitation of DNA and RNA with our ultra-sensitive fluorescent assays powered by *Biotium*. Designed for both plate readers and Qubit® fluorometers, these kits offer safer handling, broad dynamic ranges, and outstanding performance for a variety of sample types.

**Accurate. Flexible. Safer.**



## What Makes Our Quantitation Kits Stand Out?



Ultra-sensitive detection down to picogram levels



Safer, non-mutagenic dyes for better handling



Compatible with plate readers and Qubit® fluorometers



Ideal for dsDNA, RNA, and even precious or low-input samples



Wide linear ranges for versatile applications



Replace expensive kits with lower-cost, high-accuracy alternatives



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# DNA Quantitation Assays

Choose based on your platform and sensitivity needs

Shop the  
products  
here



## Qubit® Fluorometer-Compatible Assays

Product	Linear Range	Best For
<b>AccuGreen™ Broad Range</b>	2–1000 ng	Replacement for Qubit® BR kit
<b>AccuGreen™ High Sensitivity</b>	0.1–100 ng	Replacement for Qubit® HS kit

## Plate Reader Assays

Product	Linear Range	Best For
<b>AccuBlue® Broad Range</b>	2–2000 ng	High-concentration DNA (minipreps)
<b>AccuBlue® High Sensitivity</b>	0.2–100 ng	Safer handling; non-toxic, non-mutagenic
<b>AccuClear® Ultra High Sensitivity</b>	0.03–250 ng	Standard genomic or plasmid DNA
<b>AccuBlue® NextGen</b>	5–3000 pg	Ultra-sensitive quantitation of precious samples

### Assays for plate reader

Detection limits for microplate reader assays

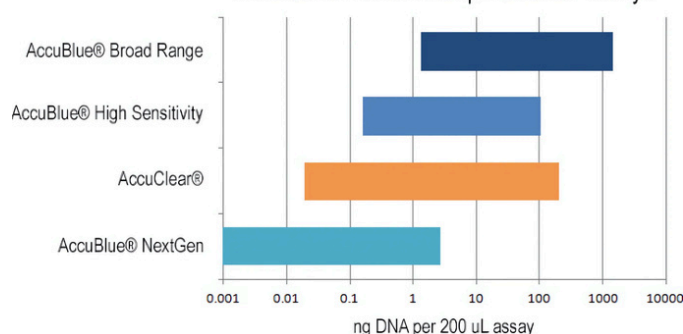


Figure 1. Chart showing the linear detection ranges of dsDNA quantitation kits used with the Qubit® fluorometer, measured in ng per 200 µL assay tube (log scale).

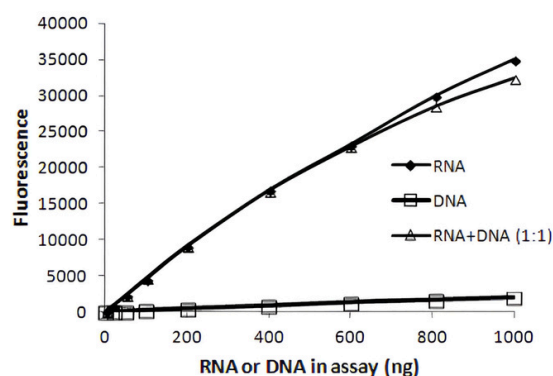


Figure 2. The AccuBlue® Broad Range RNA Quantitation Kit is highly specific for RNA versus dsDNA, maintaining accuracy even in the presence of equimolar dsDNA.

### Assays for Qubit® fluorometer

Detection limits for Qubit® assays

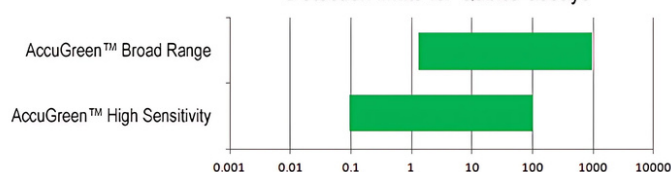


Figure 3. Chart showing the linear detection ranges of dsDNA quantitation kits for fluorescence plate readers, measured in ng per 200 µL assay well (log scale).



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