

# DNA/RNA Quantification (for Qubit Fluorometer)

## Half-volume 100 µL assay

Reduce

assay volume to 100 µL,  
and...

Cut

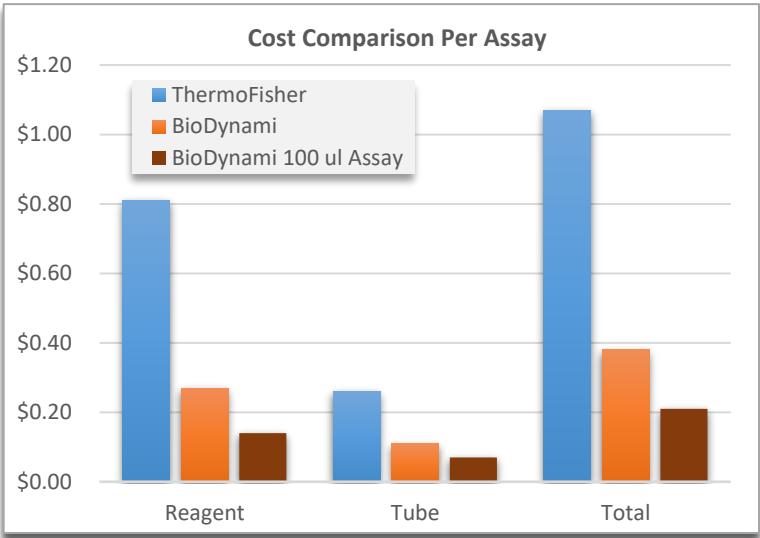
costs by **83%**

Shorten

time by **8-12** folds

### Half-volume 100 µL assay for Qubit fluorometer

We have developed the Qubit assays with the volume reduced to 100 µL. The volume is half of the original 200 µL assay, and the reagent costs are also reduced to half of the costs for the 200 µL assay. The 100 µL assay is high-throughput compatible as the 96-well plate racks and multichannel pipettes can be used to reduce the time for assay preparation.



Vendor	Cat.#	Kit	Assay volume	Assay tube type	Assay tube adaptor	Cost/assay			Cost percentage	High-throughput compatibility
						Reagent	Tube	Total		
ThermoFisher	Q32853 Q32854	BR & HS kit	200 µL	500 µL	Not required	\$0.81	\$0.26	\$1.07	N/A	No
BioDynam	40041L 40042L	BR & HS kit	200 µL	500 µL	Not required	\$0.27	\$0.11	\$0.38	33%*	No
BioDynam	40211L 40212L	BR & HS kit (100 µL Assay)	150 µL	100 µL	Required	\$0.14	\$0.07	\$0.21	17%*	Yes**

\* Compared with ThermoFisher kits

\*\* Assay tubes can be prepared in 96-well plate racks

Product Name	Cat.#
dsDNA Quantification Broad Range Kit (Half-volume 100 µL assay)	40211
dsDNA Quantification High Sensitivity Kit (Half-volume 100 µL assay)	40212
ssDNA Quantification Kit (Half-volume 100 µL assay)	40213
RNA Quantification High Sensitivity Kit (Half-volume 100 µL assay)	40214

More details at: [biodynam.com/dna-quantification/](https://biodynam.com/dna-quantification/)



Web: [biodynam.com](https://biodynam.com)  
Tel: (256) 872-0805  
Email: [support@biodynam.com](mailto:support@biodynam.com)

Fast  
Simple  
Affordable  
High-Quality

