



Fluorescence Quantification Assays

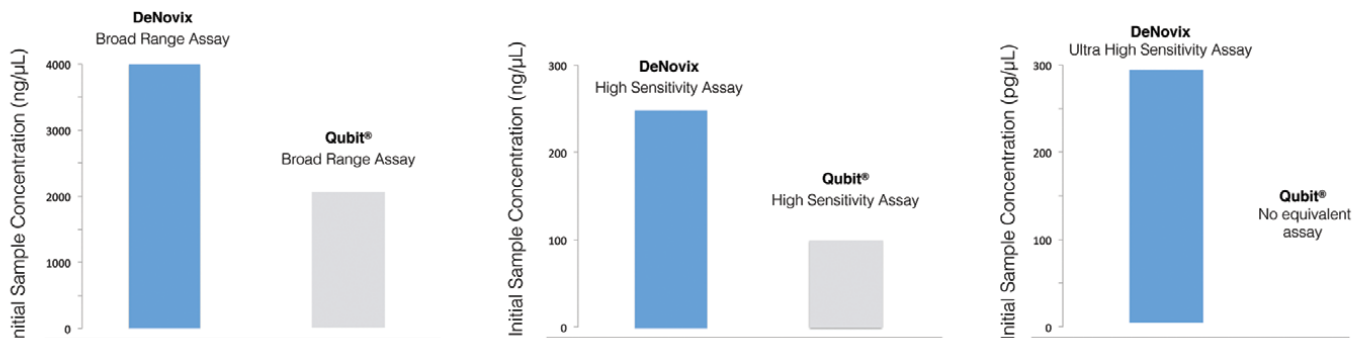
Highly Specific, Highly Sensitive dsDNA Quantification

The combination of DeNovix FX Series instruments and DeNovix dsDNA quantification kits provides an analytical package that removes existing limits in fluorescence quantification. Our Broad Range and High Sensitivity assays offer enhanced dynamic range over the Qubit® assays, giving researchers greater flexibility and avoiding the need for repeated dilutions. All assays are designed for selective quantification of dsDNA, even in samples contaminated with RNA, ssDNA or protein. Our Ultra High Sensitivity assay delivers unmatched sensitivity, as low as 0.5 pg/μL. Single cell analysis, laser captured samples, circulating DNA and tumour heterogeneity studies are among the applications that can now benefit from fast and accurate quantification thanks to a 20X greater sensitivity than existing kits.

- **Best-in-Class Dynamic Range:**
0.5 pg/μL to 4000 ng/μL dsDNA
- **Lowest Detection Limit**
- **Simple Mix-and-Measure Protocol**
- **Integrated in DeNovix EasyApps®**
- **Microplate Compatible**



Comparison of DeNovix and Qubit® dsDNA Assay Kits

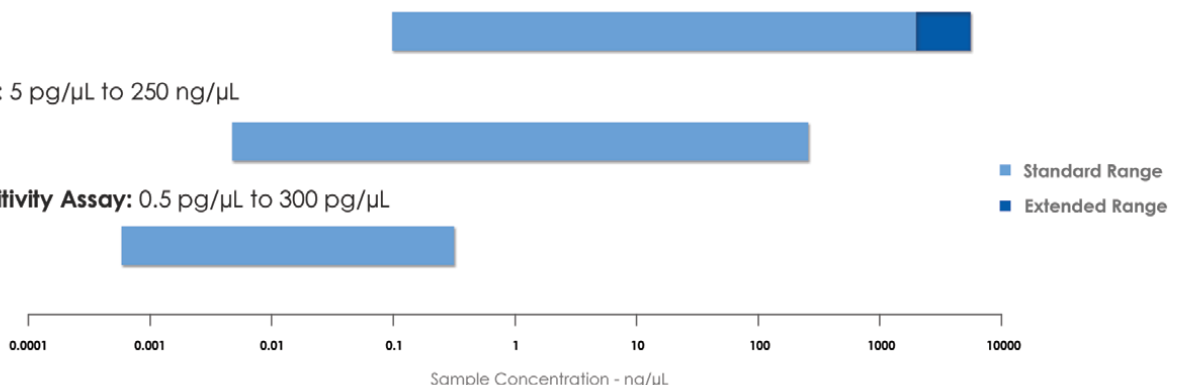


DeNovix dsDNA Assay Range

Broad Range: 0.1 ng/μL to 2000 ng/μL (extended to 4000 ng/μL)

High Sensitivity: 5 pg/μL to 250 ng/μL

Ultra High Sensitivity Assay: 0.5 pg/μL to 300 pg/μL



The DeNovix FX Series of Spectrophotometers / Fluorometers



DeNovix Fluorescence Quantification assays have been optimized and fully integrated into the DeNovix FX Series instruments. Our powerful EasyApps® software comes preconfigured to automate set up, analysis and reporting. Simply select the assay, generate a 2-point standard curve, and analyze the samples. Choose from a full suite of export options, including e-mail, network drives, USB, or network printers. DeNovix fluorometers are also extremely flexible! All instruments include four emission channels (UV, Blue, Red, Green) allowing researchers to utilize a wide-variety of fluorophores and assays. Fluorescence quantitation has never been easier!

- Calibration and Maintenance Free
- Unparalleled Dynamic Range
- Unique, All-In-One UV-Vis and Fluorescence Design
- One-Step Analysis and Automatic Reporting

How to Order

DeNovix assays are available in 1000 assay kit quantities and 50 assay evaluation kit sizes. For US customers, kits can be ordered directly via our webstore. International customers can find their local distributor at www.denovix.com. The kits need no special storage - simply refrigerate at 4°C and protect from light. DeNovix 0.5 mL DNase & RNase free PCR tubes are recommended for assay preparation.



Order Information

Assay Kits	Cat Number	Assays/kit	Standard Detection Range
DeNovix dsDNA Broad Range Assay	KIT-DSDNA-BROAD-2	1000	0.1 to 2000 ng/μL
DeNovix dsDNA High Sensitivity Assay	KIT-DSDNA-HIGH-2	1000	5 pg/μL to 250 ng/μL
DeNovix dsDNA Ultra High Sensitivity Assay	KIT-DSDNA-ULTRA-2	1000	0.5 pg/μL to 300 pg/μL
DeNovix dsDNA Broad Range Assay	KIT-DSDNA-BROAD-E	50	0.1 to 2000 ng/μL
DeNovix dsDNA High Sensitivity Assay	KIT-DSDNA-HIGH-E	50	5 pg/μL to 250 ng/μL
DeNovix dsDNA Ultra High Sensitivity Assay	KIT-DSDNA-ULTRA-E	50	0.5 pg/μL to 300 pg/μL
DeNovix 0.5 mL PCR Tube - 500 count	TUBE-PCR-0.5-500		

*Qubit® is a registered trademark of Thermo Fisher Scientific