



# DeNovix Fluorescence Quantification Assays

Best-in-Class Dynamic Range & Sensitivity dsDNA: 0.5 pg/μL – 4000 ng/μL RNA: 250 pg/μL – 1500 ng/μL

Simple Mix-and-Measure Protocol 2-Point Standard Protocol

Compatible Microplates, Thermo Fisher Qubit™ Fluorometers

#### Specific, Sensitive and Easy-to-Use!

DeNovix Fluorescence Quantification Kits combined with DeNovix Fluorometers provide an analytical package that removes the existing limits of fluorescence quantification. All assays are designed for selective quantification of dsDNA or RNA in samples that may be contaminated with biomolecules that interfere with UV-Vis quantification methods.

#### DeNovix Fluorescence Assay & Microvolume UV-Vis Concentration Ranges

The DeNovix suite of Quantification Assays includes four offerings designed for accuracy and linearity.



**dsDNA Broad Range (BR) Assay** 0.1 - 4000 ng/μL

dsDNA High Sensitivity (HS) Assay 0.005 - 250 ng/µL

dsDNA Ultra High Sensitivity (UHS) Assay  $0.0005 - 0.3 \text{ ng/}\mu\text{L}$ 

**RNA Assay** 0.25 – 1500 ng/µL



## Comparison of DeNovix and Thermo Fisher Qubit™ Assay Kits

DeNovix Assays offer an enhanced dynamic range over comparable Thermo Fisher Qubit<sup>™</sup> assays, giving researchers greater flexibility and avoiding the need for repeated dilutions.

The single DeNovix RNA Assay has 1.5 x the dynamic range of both Thermo Fisher Qubit<sup>™</sup> assays combined.

### **Purchase Assays**

DeNovix Fluorescence Assays are available in 1000, 250 and 50 assay kits sizes. US customers may purchase dsDNA and RNA assays directly from the denovix.com website. International customers should contact their local DeNovix distributor. US customers may evaluate assays and instruments free of charge.



#### Free Evaluation Kit

- ✓ dsDNA or RNA assays
- ✓ 50 samples
- Free Shipping to Your Lab



#### **Purchase Assays**

Available in individual kit sizes, assay bundles or starter kits.

## DeNovix Spectrophotometer / Fluorometer Options











FX Module

DeNovix Fluorescence Quantification Assays have been optimized for DeNovix Fluorometer instruments.

All instruments include four user-selected excitation sources and emission channels (UV, Blue, Red, Green), compatible with a wide variety of fluorophores and assays.

Qubit<sup>™</sup> is a registered trademark of Thermo Fisher Scientific and its subsidiaries and is used for identification and references purposes only. DeNovix, DeNovix products and this document are not endorsed or authorized by or in any way affiliated with Thermo Fisher Scientific.