



Fluorometer





tQ1-X2 Fluorometer

Product Description:

tQ1-X2 fluorometer are very compact DNA and RNA concentration detection equipment, which can achieve high accuracy results with only 1~20ul sample. With high detection sensitivity, wide detection range, and short detection time, it is a ideal tool for scientific research laboratories to detect low-concentration nucleic acids.

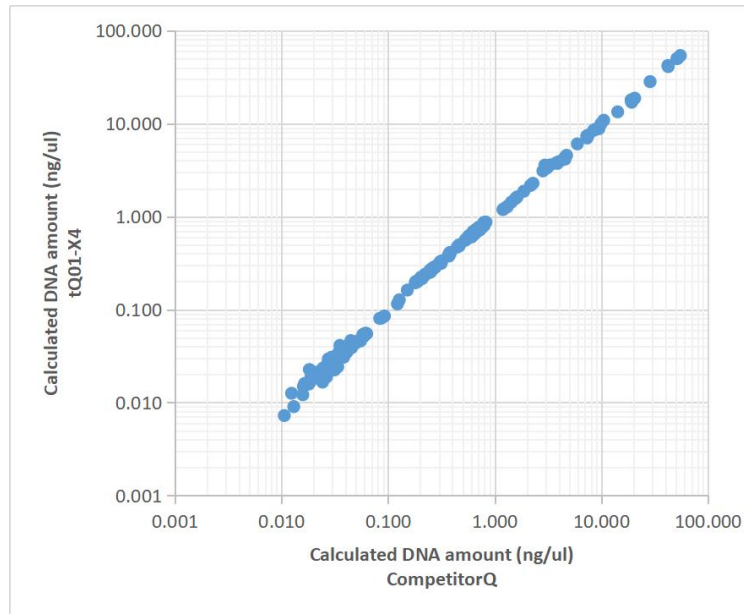




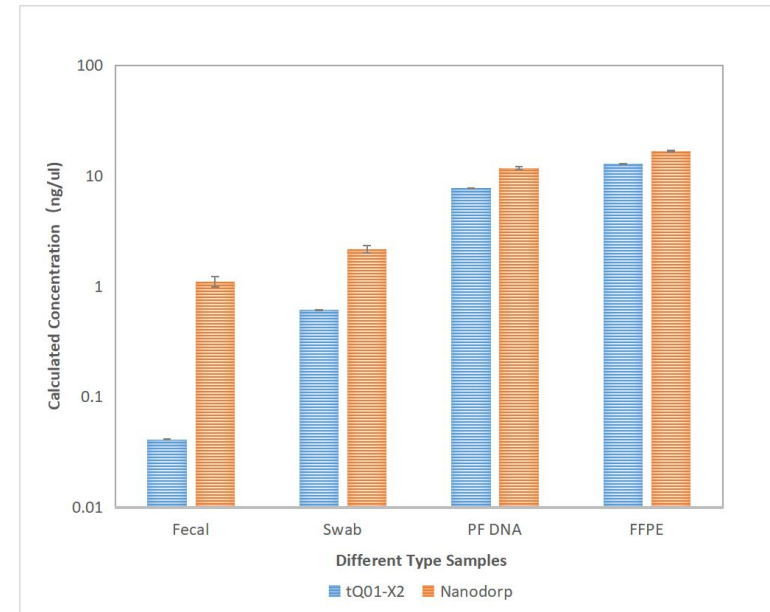
Product Features:

High Accuracy

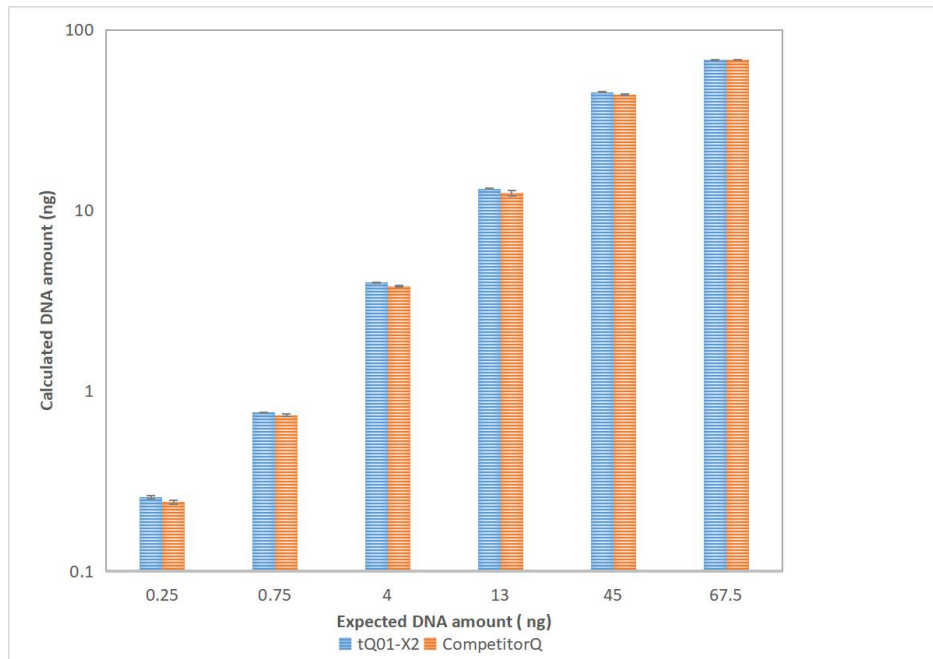
- High detection sensitivity, it is an effective tool for low concentration nucleic acid and protein quantification.



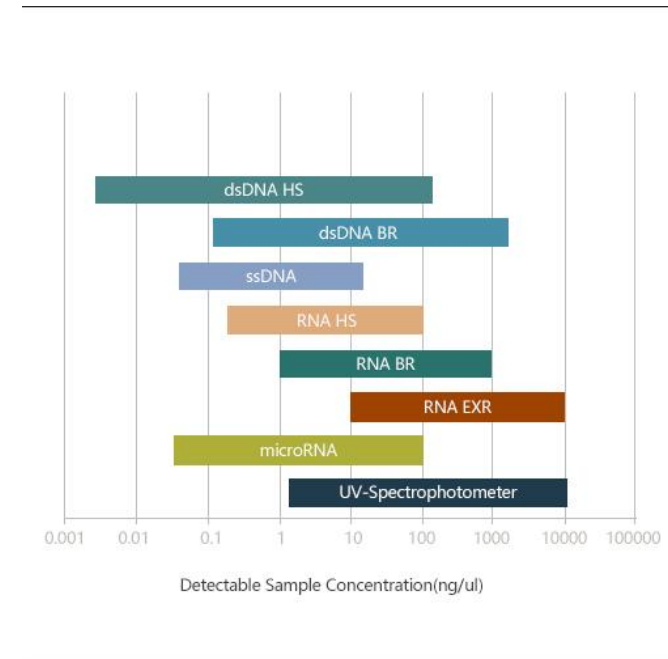
300 samples of dsDNA were tested on tQ01-X2 and competitor Q respectively, and tQ01-X2 has a good linear correlation with competing products.



20 repeatability tests were performed on different types of samples in tQ01-X2 and Micro spectrophotometer respectively. For low-concentration samples, the stability of the fluorometer detection results is higher.



According to the standard kit method, 10 repeatability tests were performed on tQ01-X2 and competitor Q for lambdaDNA content between 0.25-67.5ng, and the accuracy of the test results was compared.



The detectable sample concentration range of tQ01-X2 and micro-spectrophotometer. Using with corresponding assay kits, tQ01-X2 can specifically detect various types of DNA/RNA.

Product Features:

Rapid Detection----It can accurately detect the sample concentration within 5seconds.

Less Sample Needed----Only need 1–20μL sample to obtain the reliable result.

Intuitive Interface----The operation interface design is intuitive and easy to use.

The working process of fluorometer





Specification

Specification	Parameter
Sample Volume	1~20ul
Sample Capacity	1
Compatible Tube	0.5mL PCR Tube
Test Time	≤5s/sample
Linearity Range	5 orders of magnitude
Light Source	LED
Excitation Wavelength	Blue 460-480nm, Red 630-650nm
Emission Wavelength	Green500-535nm,Red670-710nm
Detector	SiPMT
Sensitivity	dsDNA 0.01ng/ul
Calibration	2points or 3points
Operation	5 inches Touch screen
Power	DC5V, 2A, 10W
Operation Environment	15-30°C, <75%, Indoor use
Dimension	110*230*45.5mm, 0.5Kg



Phone: +86 188 2709 1392

Email:chemicals_trading@126.com

Address: Rm 305, Building Tengjundebiyuan,
No.1658 Gumei Road,Xuhui District,Shanghai