

Thermo Fisher Scientific NanoDrop™ 3300 Fluorospectrometer  
Specifications

Items	
Sample Size	1 - 2 $\mu$ L
Light Sources	UV LED, Blue LED and White LED
Excitation Maxima and Range	<ul style="list-style-type: none"> <li>• UV: max = 365 nm</li> <li>• Blue: max = 470 nm</li> <li>• White: range = 460 - 650nm</li> </ul>
Detector Type	2048 - element linear silicon CCD array detector
Wavelength Range	400 - 750 nm
Wavelength Accuracy	1 nm
Spectral Resolution	8 nm (FWHM at Hg 546 nm)
Fluorescence Precision	< 5 % CV (10 nM fluorescein)
Detection Limit	< 1 fmol fluorescein
Measurement Cycle Time	2 - 10 seconds
Fluorescence Assay	e.g. RiboGreen, PicoGreen, GFP, BFP mutants, Hoechst, 4-Mu, Quantum Dots, AlexaFluor, etc.