

NanoDrop 2000c Spectrophotometer

Specification	
Minimum Sample Volume	0.5 μ l
Recommended Sample Volume, Nucleic acid	1 μ l
Recommended Sample Volume, Proteins	2 μ l
Sample Number	1
Path Length	1 mm (auto-ranging to 0.05 mm)
Light Source(s)	Xenon flash lamp
Detector Type	2048 - element linear silicon CCD array
Wavelength Range	190 - 840 nm
Wavelength Accuracy	1 nm
Spectral Resolution	\leq 1.8 nm (FWHM at Hg 253.7 nm)
Absorbance Precision	0.002 (1 mm path)
Absorbance Accuracy	3% (at 0.74 at 350 nm)
Maximum Concentration	15,000 ng/ μ l (dsDNA)
Measurement Time	5s (typical)
Software	
Windows 7, Nanodrop 2000	
Application	
Detection for DNA, RNA and protein concentration	