

Thermo Scientific μDrop Plate

The Thermo Scientific μDrop Plate is designed for quick and easy measurement of low sample volumes down to 2 μL. It is an ideal tool for photometric DNA or RNA quantitation and purity analysis.



The μDrop Plate enables measuring low-sample volumes down to 2 μl and cuvettes

Features

- dsDNA detection range from a few micrograms to a few milligrams per milliliter
- 16 sample positions for quick and easy measurement of sample volumes down to 2 μL
- Compatible with an 8-channel pipette for easy sample addition
- Quick and easy to wipe off the samples in serial measurements
- Ready-made Thermo Scientific SkanIt Software sessions for nucleic acid analysis
- Measurement slot for a rectangular cuvette

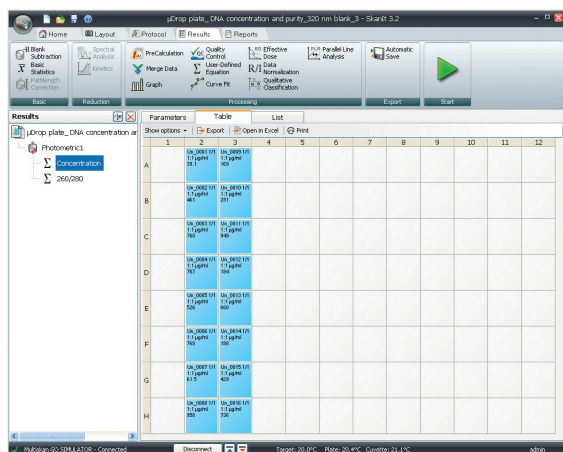
The μDrop™ Plate low-volume measurement area consists of two quartz slides: the top clear quartz and the bottom Teflon-coated quartz slide. Sample positions are arranged in a 2 x 8 matrix, providing a straightforward way of analyzing up to 16 samples simultaneously.

The fixed light path of the μDrop Plate allows direct calculation of the nucleic acid concentrations of the samples.

Samples are easy to pipette onto the μDrop Plate with a single or an 8-channel pipette. The plate is easily wiped clean, making it convenient to be used in serial measurements.

The μDrop Plate additionally has a slot for a cuvette measurement. It enables endpoint, spectral and kinetic measurements in a standard rectangular cuvette with a stopper.

The μDrop Plate has been designed for use with the Thermo Scientific Multiskan GO UV/Vis microplate and cuvette spectrophotometer, as well as with the Thermo Scientific Varioskan Flash spectral scanning multimode reader. This extends their capabilities to include micro-scale absorbance measurements.



Ready-made SkanIt® Software sessions for DNA analysis



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Specification	
Wavelength range	200–1000 nm
Overall dimensions	127.8 mm (W) x 85.5 mm (D) x 14.5 mm (H) [5.0" (W) x 3.4" (D) x 0.57" (H)]
Weight	0.161 kg / 0.4 lbs
Compatible readers	Multiskan [®] GO, Varioskan [®] Flash
Low-volume function	
Measurement area	16 positions in a 2 x 8 matrix
Sample volume	2 μ l to 10 μ l
Cuvette function (Cuvette with stopper)	
Dimensions	12.5 (W) x 12.5 (D) x 47–54 (H) mm
Beam center height	8.5 mm
Beam window	\geq 4 mm

Ordering information

Product code	Description
N12391	μ Drop Plate

Contact Information

www.thermoscientific.com/platereaders

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