

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

## Thermo Scientific $\mu$ Drop Plate



The  $\mu$ Drop Plate enables measuring low-sample volumes down to 2  $\mu$ L 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  $\mu$ L
- 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  $\mu$ Drop™ 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  $\mu$ Drop Plate allows direct calculation of the nucleic acid concentrations of the samples.

Samples are easy to pipette onto the  $\mu$ Drop 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  $\mu$ Drop 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  $\mu$ Drop 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.

Row	Col	Sample ID	Concentration
A	1	SA_2002 15	2.12
A	2	SA_2002 15	2.12
A	3	SA_2002 15	2.12
B	1	SA_2002 15	2.12
B	2	SA_2002 15	2.12
B	3	SA_2002 15	2.12
C	1	SA_2002 15	2.12
C	2	SA_2002 15	2.12
C	3	SA_2002 15	2.12
D	1	SA_2002 15	2.12
D	2	SA_2002 15	2.12
D	3	SA_2002 15	2.12
E	1	SA_2002 15	2.12
E	2	SA_2002 15	2.12
E	3	SA_2002 15	2.12
F	1	SA_2002 15	2.12
F	2	SA_2002 15	2.12
F	3	SA_2002 15	2.12
G	1	SA_2002 15	2.12
G	2	SA_2002 15	2.12
G	3	SA_2002 15	2.12
H	1	SA_2002 15	2.12
H	2	SA_2002 15	2.12
H	3	SA_2002 15	2.12

Ready-made SkanIt® Software sessions for DNA analysis



## Thermo Scientific $\mu$ Drop Plate

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 <sup>®</sup> GO, Varioskan <sup>®</sup> Flash
Low-volume function	
Measurement area	16 positions in a 2 x 8 matrix
Sample volume	2 $\mu$ l to 10 $\mu$ 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	$\mu$ Drop Plate

### Contact Information

[www.thermoscientific.com/platereaders](http://www.thermoscientific.com/platereaders)

#### North America:

USA/Canada  
800 345 0206 or  
800 522 7763 3

#### Europe:

Austria +43 1 801 40 0  
Belgium +32 53 73 42 41  
France +33 2 2803 2180  
Germany national toll free 08001-536 376  
Germany international +49 6184 90 6000  
Italy +39 02 02 95059 552  
Netherlands +31 76 571 4440  
Nordic/Baltic countries +358 9 329 100  
Russia/CIS +7 (495) 739 76 41  
Spain/Portugal +34 93 223 09 18  
Switzerland +41 44 454 12 12  
UK/Ireland +44 870 609 9203 or  
+44 (0) 161 486 2110

#### Asia:

China +86 21 6865 4588 or  
+86 10 8419 3588  
India toll free 1800 22 8374  
India +91 22 6716 2200  
Japan +81 45 453 9220  
Other Asian countries +852 2885 4613

#### Countries not listed:

+49 6184 90 6940 or +33 2 2803 2180