

Thermo Scientific Nunc Edge 2.0 96-well Plates

Achieve assay consistency, and reclaim full-use of your 96-well plate.

Thermo Scientific™ Nunc™ Edge 2.0 Plates contain a large evaporation moat (Figure 1) that can be filled with 1.7 mL of sterile water or media to virtually eliminate edge effect, and increase consistency and cell viability following lengthy incubations. Utilizing all 96 wells in the Edge plate can increase throughput of the assays by 37.5% over that of typical cell-based assays that use only the 60 inner wells of the plate (Figure 2).

The Edge 2.0 plate is in compliance with the ANSI microplate standards, compatible with robotic liquid handling stations as well as automated cell detection and cell analysis equipment (e.g. Thermo Scientific™ Varioskan™ LUX). With various choices of surface treatment and package configurations, Edge 2.0 plates meet the requirements of a wide range of bioassays.

Applications

- Cell Culture
- Cell-based Assays
- Binding Assays
- High Throughput Screening

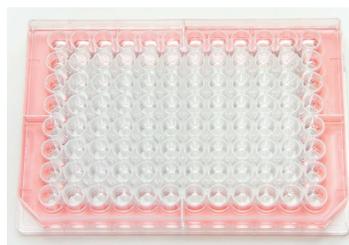
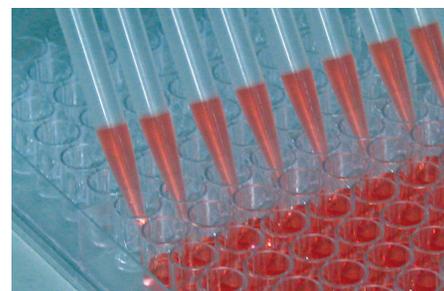


Figure 1



Figure 2

Features	Benefits
Large Perimeter Moat	<ul style="list-style-type: none"> • Buffer zone, when filled with sterile fluid, minimizes plate evaporation • Significantly reduces well-to-well variability during incubation • Improve assay efficiency and lab productivity
USP Class VI Virgin Polystyrene	<ul style="list-style-type: none"> • Biocompatible for life science research • Suitable for adherent or suspension cell culture • Easy to add coatings and customize for your application
ANSI/SLAS Standards	<ul style="list-style-type: none"> • Compatible with automation equipment
Lid designed optimized	<ul style="list-style-type: none"> • Maximizes ventilation while maintaining sterility.
Low Flange Design	<ul style="list-style-type: none"> • Ensures reliable handling in robotic operations

Ordering information

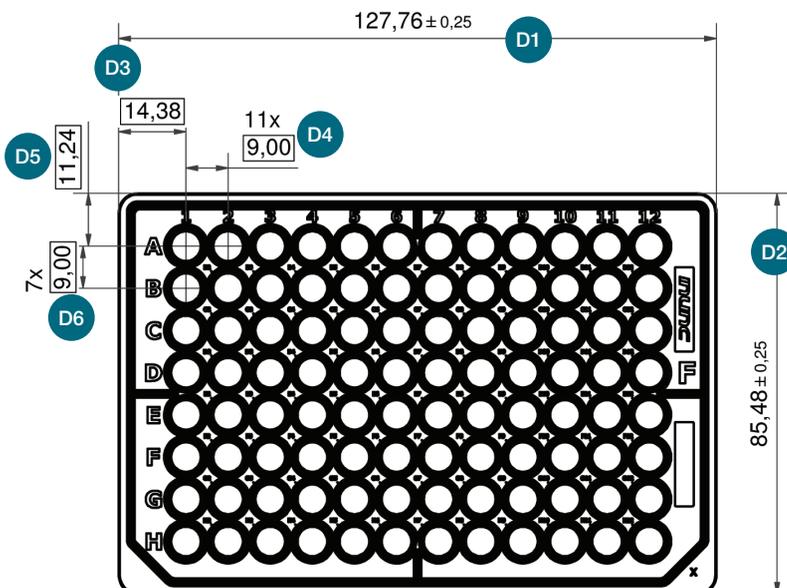
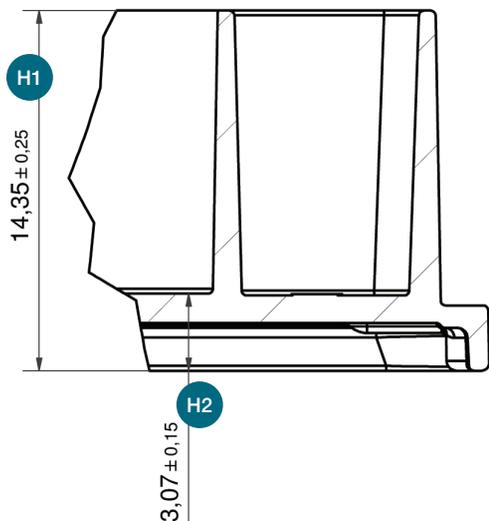
Edge 2.0 96-Well Plates

Cat. No.	Surface	Color	Total vol. μ l/well	Sterile	With lid	Pack/Case
167425	Nunclon Delta Treated	Clear	400	Yes	Yes	1/50
167542	Nunclon Delta Treated	Clear	400	Yes	Yes	10/160
167574	Nunclon Delta Treated	Clear	400	Yes	No	1/50
167554	Nunclon Delta Treated	Clear	400	Yes	No	10/160
267427	Non treated	Clear	400	Yes	Yes	1/50
267544	Non treated	Clear	400	Yes	Yes	10/160
267576	Non treated	Clear	400 <td Yes	No	1/50	
267556	Non treated	Clear	400	Yes	No	10/160
267566	Non treated	Clear	400	No	No	10/160
267578	Non treated	Clear	400	No	Yes	10/160

Thermo Scientific™ Nunclon™ Delta is a Nunc certified cell culture-treated surface that facilitates attachment and growth of adherent cells.

Plate Component	Materials
Resin	Virgin Polystyrene, USP Class VI
Operating Information	Specification
Dimensions	Meets the Standards ANSI/SLAS 1-2004 through ANSI/SLAS 4-2004
Shelf Life	5 Years from Manufacturing Date
Sterilization	Gamma Irradiation to SAL 10^{-6}
Product Testing	Certificate of Quality

Plate Dimensions	mm
H1 Total height of plate	14.35
H2 Vertical distance from inside well bottom to resting plate	3.07
D1 Length of the plate	127.76
D2 Breadth of the plate	85.48
D3 Distance from left outside edge to the center of the first column of wells	14.38
D4 Distance from center of one well to center of another in a column	9.00
D5 Distance between top outside edge and center of first row of wells	11.24
D6 Distance from center of one well to center of another in a row	9.00



Find out more at thermofisher.com/edgeplate

ThermoFisher
SCIENTIFIC