

The clear choice for high-quality imaging

The Thermo Scientific™ Nunc™ Glass Bottom Dishes offer the flexibility to convert your culture device into an imaging device. This allows a smooth transition from cell culture to cell analysis with the same seeding density, media volume, and culture conditions.

The Nunc Glass Bottom Dishes combine the convenience of a standard 35 mm cell culture dish with the imaging benefits of cover glass to provide the optimum optical characteristics required for high-magnification microscopy and confocal image analysis.

Improve the quality of high-resolution cell culture images

These dishes are ideal for observation at high magnification in a variety of applications.

Reduce media evaporation and contamination

The dish lid minimizes evaporation and keeps the dish contents free from airborne contaminants.

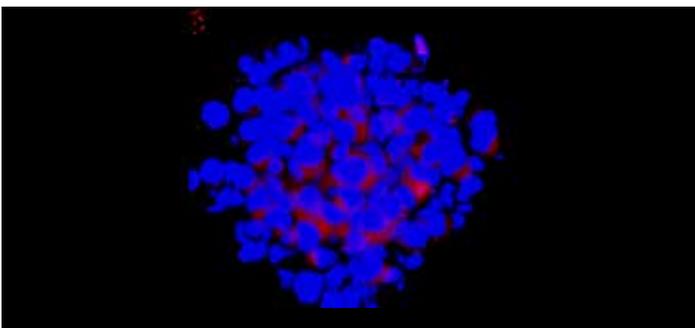
Optimize cell growth on the glass surface

Cell culture–treated glass offers enhanced cell attachment—available in the standard 35 mm dish format that fits on most microscope stages.



Applications

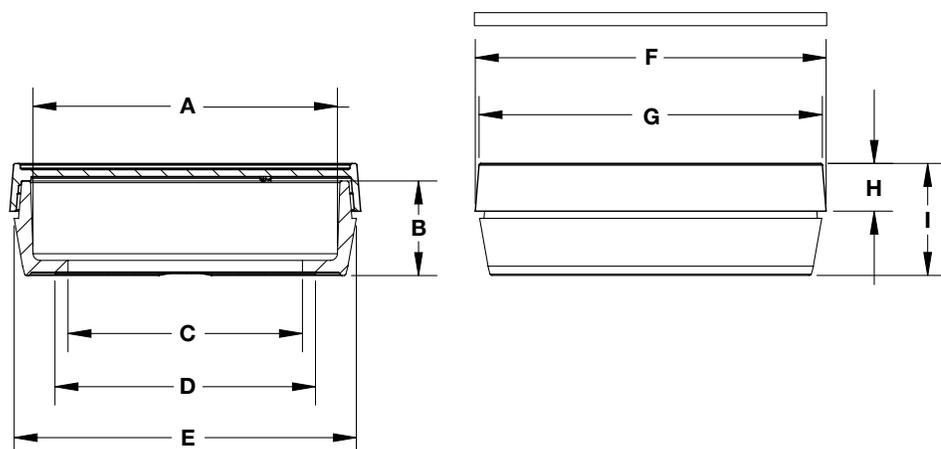
- Fluorescence microscopy
- Phase-contrast microscopy
- Confocal microscopy
- Live-cell imaging
- Differential interference contrast (DIC) microscopy
- Fluorescence *in situ* hybridization (FISH)
- Super-resolution microscopy



Confocal microscopy image of HeLa cell spheroids on Nunc Glass Bottom Dish. The hypoxic core of the spheroid was detected using Invitrogen™ Image-iT™ Red Hypoxia Reagent (red; Cat. No. H10498), and nuclei were counterstained with Invitrogen™ NucBlue™ Live ReadyProbes™ Reagent (blue; Cat. No. R37605).

Specifications

- Glass thickness—0.16–0.19 mm borosilicate cover glass
- Diameter of glass bottom—12 mm or 27 mm
- Size of dish—35 mm
- Working volume—3 mL



Dimension	Cat. No. 150680		Cat. No. 150682	
	Inch	Millimeter	Inch	Millimeter
A Dish bottom diameter	1.380	35.0	1.380	35.0
B Dish height	0.429	10.9	0.429	10.9
C Diameter of viewing area	1.181	12.0	1.063	27.0
D Glass insert diameter	0.591	15.0	0.472	30.0
E Dish outer diameter	1.551	39.4	1.551	39.4
F Lid outside diameter	1.591	40.4	1.591	40.4
G Lid top diameter	1.556	39.5	1.556	39.5
H Lid height	0.217	5.5	0.217	5.5
I Overall height	0.508	12.9	0.508	12.9

Ordering information

Description	Quantity/pack	Quantity/case	Cat. No.
Nunc Glass Bottom Dish, 12 mm	1	20	150680
Nunc Glass Bottom Dish, 27 mm	1	20	150682

The cover glass in the bottom cannot be detached. Do not use with methanol, ethanol, acetone, or chloroform. Glass bottom dishes are not available in Japan.

Find out more at thermofisher.com/glassbottomdishes

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