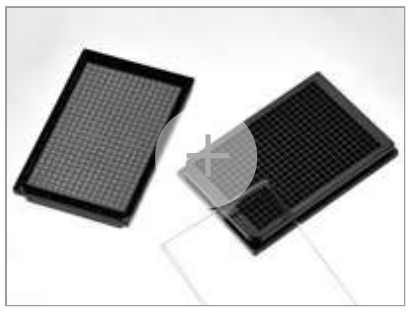
384 Well glass bottom plate with high performance #1.5 cover glass

Technical specs | Dimension diagram | Products with coating | Cited publications



384 well glass bottom plate. Black polystyrene frame with high performance #1.5 cover glass (0.170±0.005mm), with lid, Individually packed. Designed for high resolution imaging such as confocal microscopy.

Coverslip :
#1.5H » view coverslip specs

Catalog # :
P384-1.5H-N , request a free sample or Get a quote

Packing :
20/case

Price :
$423.00 USD/case 1 case + Add to Cart

Availability :
110 cases in stock

** *Non-US users please sign in or get a quote to view the proper price for your country.* **

Features:

- Suitable for long term tissue culture
- Manufactured in a class 100,000 clean room
- Frame made from virgin polystyrene.
- German high quality cover glass of superior optical quality, the cover glass has a thickness of 0.170±0.005mm
- A USP class VI adhesive is used to assemble the cover glass and the plate.
- Sterilized by Gamma radiation.
- Conforms to ANSI/SBS 1-2004 standards

Suitable for:

- Differential Interference Contrast (DIC)
- Widefield Fluorescence
- Confocal Microscopy
- Two-Photon and Multiphoton Microscopy
- Fluorescence Recovery After Photobleaching (FRAP)
- Förster Resonance Energy Transfer (FRET)
- Fluorescence Lifetime Imaging Microscopy (FLIM)
- Total Internal Reflection Fluorescence (TIRF)
- Super-Resolution Microscopy

Recommended for:

- Confocal Microscopy
- Super-Resolution Microscopy

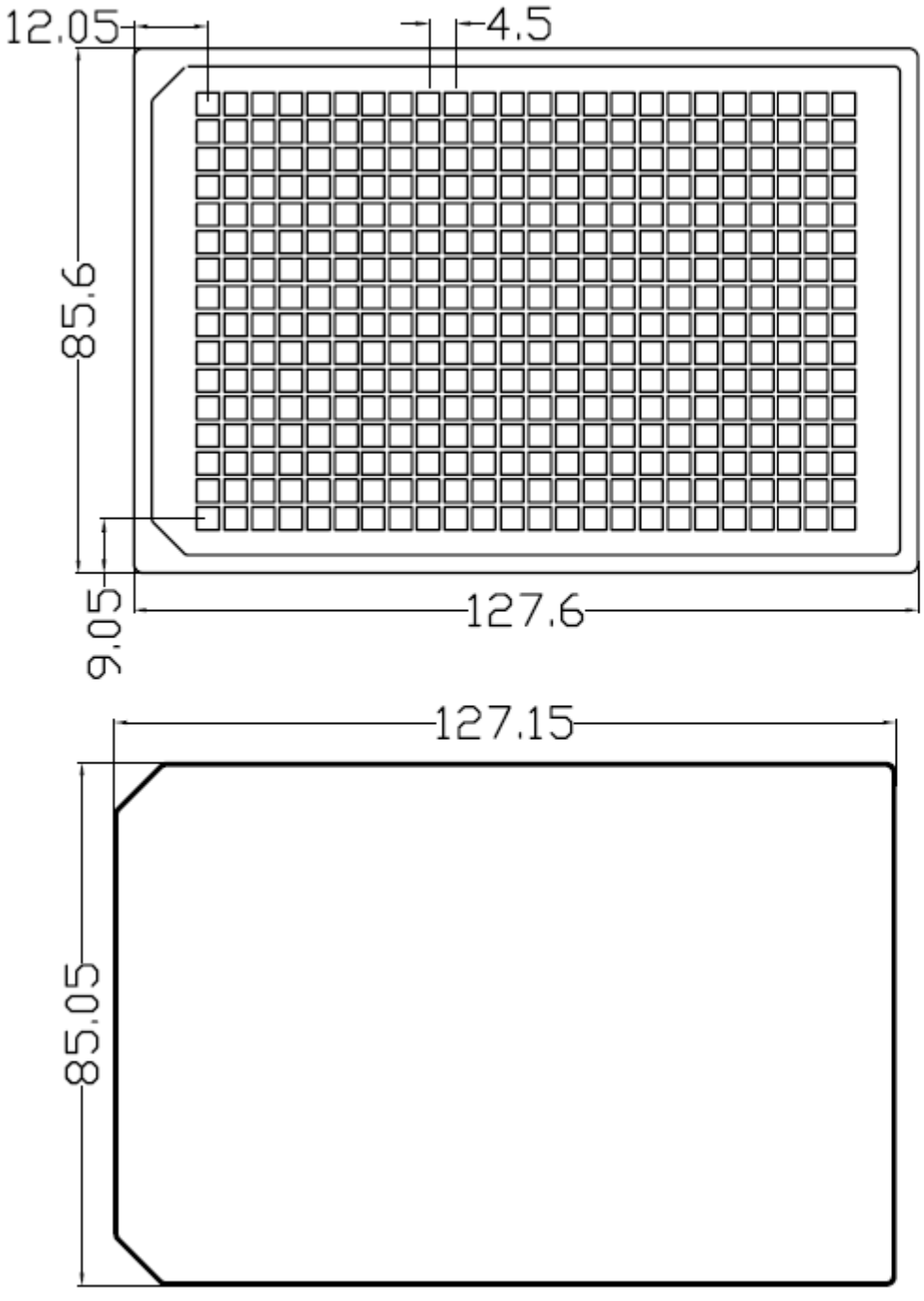
Technical specifications

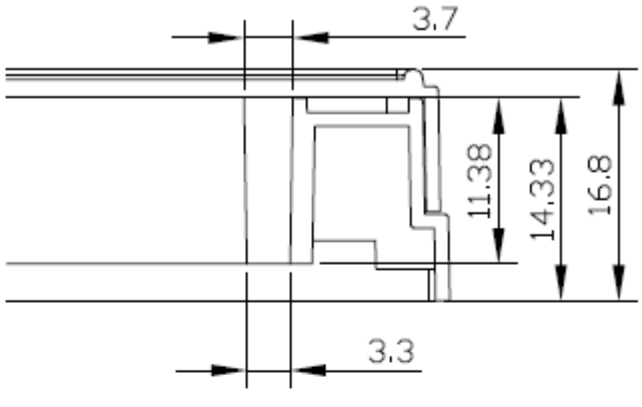
» View technical specification of different coverslips.

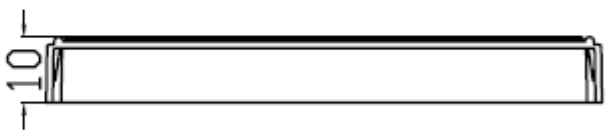
Frame color	black

Coverslip	#1.5 high performance cover glass (0.170±0.005mm)
Length	127.60 mm
Width	85.60 mm
Height	14.33 mm
Height with lid	16.80 mm
Bottom height	2.78 mm (bottom of coverslip to plate bottom)
Bottom height tolerance	±50µm (whole plate)
Well to well center distance	4.50 mm
Well bottom area	10.89 mm^2
Maximum volume	0.12 ml
Temperature Range	-20°C to 50°C

Dimension diagram (units in mm)







Latest cited publications on bioRxiv

- Visualizing liquid-liquid phase transitions
  Bikash R. Sahoo, et al., *bioRxiv - Cell Biology 2024*
  *Quote: ... or 384-well plates (Cellvis, **P384**- **1.5H**-**N**), pre-treated with 5% (w/v ...*
- Initial niche condition determines the aging speed and regenerative activity of quiescent cells
  Qi Liu, et al., *bioRxiv - Cell Biology 2022*

*Quote: ... For coating 384well microscope plate (Cellvis, Cat# **P384-1.5H-N**), fill each well with 20µl Concanavalin A water solution (2mg/ml ...*

- Genome scale CRISPR screens identify actin capping proteins as key modulators of therapeutic responses to radiation and immunotherapy
  Nipun Verma, et al., *bioRxiv - Genetics 2024*
  *Quote: ... Polystyrene flat bottom 384-well plates (CellVis # **P384-1.5H-N**) were coated with collagen O/N at 4C (10 ng/mL diluted in PBS) ...*
- OptoDyCE-plate as an affordable high throughput imager for all optical cardiac electrophysiology
  Yuli W. Heinson, Julie L. Han, Emilia Entcheva, *bioRxiv - Bioengineering 2023*
  *Quote: ... and 384-well glass bottom plates (Cat. **P384-1.5H-N**, Cellvis). For studies of structured quasi-3D cell growth ...*
- Double-stranded RNA drives SARS-CoV-2 nucleocapsid protein to undergo phase separation at specific temperatures
  Christine A. Roden, et al., *bioRxiv - Molecular Biology 2021*
  *Quote: ... The mix was incubated in 384-well plates (Cellvis **P384-1.5H-N**) for 1-20 hours at 37°C unless indicated otherwise ...*
- Specific viral RNA drives the SARS CoV-2 nucleocapsid to phase separate
  Christiane Iserman, et al., *bioRxiv - Biochemistry 2020*
  *Quote: ... The mix was incubated in 384-well plates (Cellvis **P384-1.5H-N**) for 16 hours at 37°C unless indicated otherwise ...*
- WRN Inhibition Leads to its Chromatin-Associated Degradation Via the PIAS4-RNF4-p97/VCP Axis
  Fernando Rodríguez Pérez, et al., *bioRxiv - Molecular Biology 2023*
  *Quote: ... on plasma-coated 384-well glass-bottom plates (Cellvis, **P384-1.5H-N**) at 1.5x104 cells per well ...*
- Double-stranded RNA drives SARS-CoV-2 nucleocapsid protein to undergo phase separation at specific temperatures
  Christine A. Roden, et al., *bioRxiv - Molecular Biology 2021*
  *Quote: The mix was incubated in 384-well plates (Cellvis **P384-1.5H-N**) at 25 ...*
- Simulation and quantitative analysis of spatial centromere distribution patterns
  Adib Keikhosravi, et al., *bioRxiv - Genomics 2025*
  *Quote: All cells were grown in 384-well plates (CellVis, Cat. No. **P384-1.5H-N**). The sources of cell lines ...*
- Condensation of LINE-1 is required for retrotransposition
  Srinjoy Sil, Jef D Boeke, Liam J Holt, *bioRxiv - Cell Biology 2022*
  *Quote: ... the wells of a 384-well glass-bottom plate (Cellvis, product number **P384-1.5H-N**) were blocked as described in (Keenen ...*

View all 25 references on labshake.com

Cited Publications before 2019 (3)

- Plant HP1 protein ADCP1 links multivalent H3K9 methylation readout to heterochromatin formation
  Shuai Zhao, et al., Cell Research, volume 29, pages54–66 (2019)
  Quote: "*Equal volume of nucleosome array and ADCP1 were mixed in a 384 well glass bottom plate (Cellvis, P384-1.5H-N).*"

- Multimodal on-axis platform for all-optical electrophysiology with near-infrared probes in human stem-cell-derived cardiomyocytes
  A Klimas,, BioRxiv, February 21, 2018
  Quote: "*human iPSC-derived cardiomyocytes (iCell Cardiomyocytes2 ™, Cellular Dynamics International (CDI), Madison, WI) were thawed per the manufacturer's instructions and plated on fibronectin coated wells in 384-well glass-bottom plates (P384-1.5HN, Cellvis, Mountain View)*"

- Label-free cell-based assay with spectral-domain optical coherence phase microscopy
  Suho Ryu et al., Journal of Biomedical Optics, vol19, issue 4, 2014
  Quote: "*The 100 µl of the sample was loaded on glass bottom multiwell plates (In Vitro Scientific, Sunnyvale, California, P384-1.5HN) and incubated for 24 h prior to experiment.*"

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