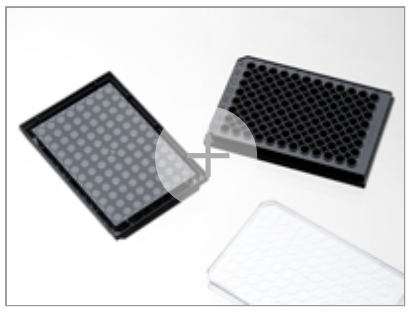
96 Well glass bottom plate with high performance #1.5 cover glass

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



96 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 # :
P96-1.5H-N , request a free sample or Get a quote

Packing :
20/case

Price :
$311.00 USD/case 1 case + Add to Cart

Availability :
740 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

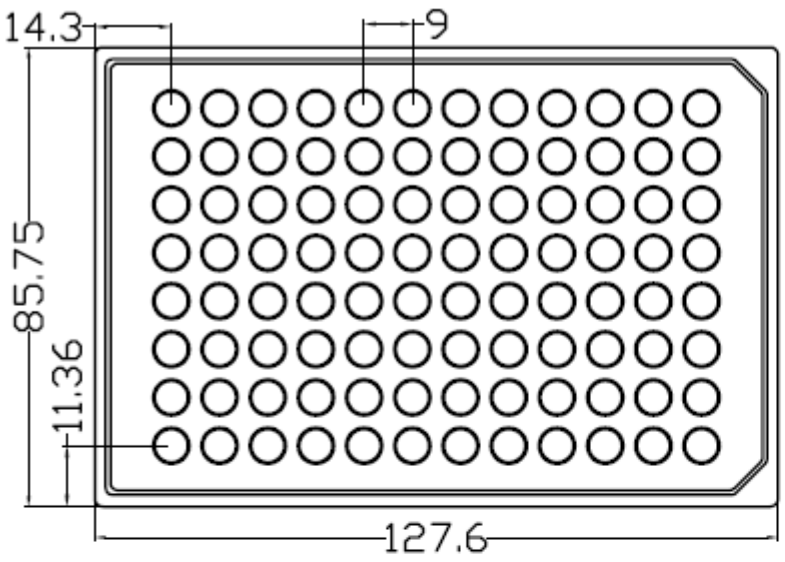
Technical specifications

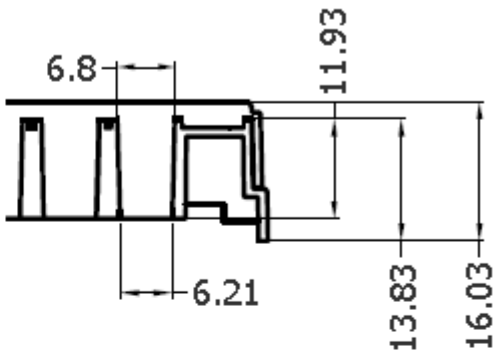
» View technical specification of different coverslips.

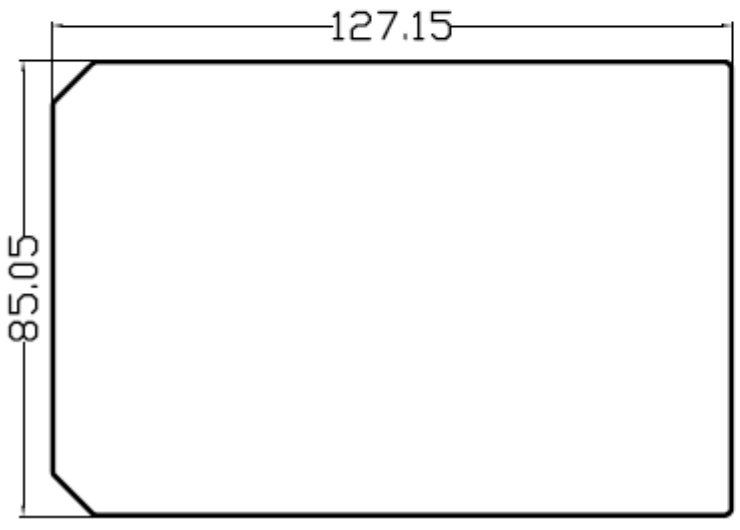
Frame color	black

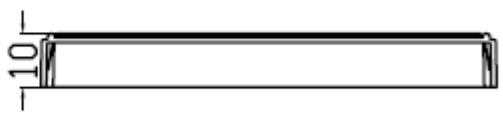
Coverslip	#1.5 high performance cover glass (0.170±0.005mm)
Length	127.60 mm
Width	85.75 mm
Height	14.30 mm
Height with lid	16.5 mm
Stacking height (with lid)	15.5 mm
Bottom height	1.73 mm (bottom of coverslip to plate bottom)
Bottom height tolerance	±50µm (whole plate)
Lid dimension	127 * 85 * 10 mm
Well to well center distance	9.00 mm
Well bottom area	30 mm^2
Maximum volume	0.35 ml
Temperature Range	-20°C to 50°C

Dimension diagram (units in mm)









Latest cited publications on bioRxiv

- α-Synuclein emulsifies TDP-43 prion-like domain – RNA liquid droplets to promote heterotypic amyloid fibrils
  Shailendra Dhakal, et al., *bioRxiv - Biophysics 2023*
  *Quote: … black plates (**P96-1.5H-N**, Cellvis Inc.). All the proteins used in the confocal experiments were resuspended in 20 mM MES buffer pH 6.0 and contained up to 1-2% of the fluorescently labeled protein …*
- iPSC Motor Neurons with Familial ALS Mutations Capture Gene Expression Changes in Postmortem Sporadic ALS Motor Neurons
  Aaron Held, et al., *bioRxiv - Neuroscience 2022*

*Quote: … 96-wells plates (Cellvis **P96**-**1.5H**-**N**) were coated with PEI (Sigma 03880 …*

- Ezh2 Delays Activation of Differentiation Genes During Normal Cerebellar Granule Neuron Development and in Medulloblastoma
  James Purzner, et al., *bioRxiv - Cancer Biology 2024*
  *Quote: … glass bottom plates (Cellvis **P96**-**1.5H**-**N**). The plates were coated with 100 ug/ml PDL (Millipore A-003-E …*
- Dexamethasone-Induced p57-Mediated Quiescence Drives Chemotherapy Resistance in Sonic Hedgehog Medulloblastoma
  Aryaman Sharma, et al., *bioRxiv - Cancer Biology 2025*
  *Quote: … glass bottom plates (Cellvis **P96**– **1.5H**-**N**). Plates were coated with PLO for 30 minutes at room temperature followed by 10µg/ml laminin in PBS overnight at 37°C …*
- Nanometer condensate organization in live cells derived from partitioning measurements
  Christina Dollinger, et al., *bioRxiv - Biophysics 2025*
  *Quote: … or 96-well plate (Cellvis, **P96**-**1.5H**-**N**). Mycoplasma testing on all cell cultures was conducted every two weeks using ABM's Mycoplasma Test Kit and protocol (Applied Biological Materials G238).*
- Transient proliferation by reversible YAP and mitogen-control of the cyclin D1/p27 ratio
  Katherine R. Ferrick, et al., *bioRxiv - Cell Biology 2024*
  *Quote: … glass-bottom plates (Cellvis CAT# **P96**-**1.5h**-**N**). Cells were fixed in 4% PFA (in PBS …*
- Nucleation of the destruction complex on the centrosome accelerates degradation of β-catenin and regulates Wnt signal transmission
  Ryan S. Lach, et al., *bioRxiv - Cell Biology 2022*
  *Quote: … Glass-bottom culture plates (Cellvis # **P96**-**1.5H**-**N**) were pre-treated with bovine fibronectin (Sigma #F1141 …*
- Anti-resonance in developmental signaling regulates cell fate decisions
  Samuel J. Rosen, et al., *bioRxiv - Cell Biology 2025*
  *Quote: … Glass-bottom culture plates (Cellvis # **P96**-**1.5H**-**N**) were pre-treated with bovine fibronectin (Sigma #F1141 …*
- A Generalizable Tension Sensor Platform for Mechanotherapeutic Discovery
  Matthew R. Pawlak, et al., *bioRxiv - Biophysics 2025*
  *Quote: … 96-well glass plates (Cellvis, **P96**-**1.5H**-**N**) had wells of interest washed with PBS and incubated with 80 µL of 100 µg/mL BSA–Biotin (Thermo Fisher …*
- A human antibody that broadly neutralizes betacoronaviruses protects against SARS-CoV-2 by blocking the fusion machinery
  Dora Pinto, et al., *bioRxiv - Immunology 2021*
  *Quote: … 96-well glass bottom plates (Cellvis **P96**-**1.5H**-**N**) at a density of 20,000 cells/well …*

View all 98 references on labshake.com

Cited Publications before 2019 (16)

- Microtubules Gate Tau Condensation to Spatially Regulate Microtubule Functions
  Ruensern Tan, et al., BioRxiv, September 22, 2018
  Quote: "*Continuous imaging assays: Tau condensation assays (Fig. 1A-C, S1A) were conducted in Cellvis 96-well Glass Bottom Plate (Cellvis, #P96-1.5H-N) as previously described*"
- Parallel High-Resolution Imaging of Leukocyte Chemotaxis Under Agarose with Rho-Family GTPase Biosensors
  GRR Bell, et al., Rho GTPases pp 71-85, 2018
  Quote: "*Imaging Materials. 1. Glass-bottom 96-well plate (Cellvis, Catalog #P96–1.5HN or equivalent)*"
- Ki67 is a Graded Rather than a Binary Marker of Proliferation versus Quiescence
  I Miller, et al., Cell Reports, Volume 24, Issue 5, 31 July 2018, Pages 1105-1112
  Quote: "*96 well glass bottom plate, Cellvis, Cat# P96-1.5HN*"
- Characterizing DNA Repair Processes at Transient and Long-lasting Double-strand DNA Breaks by Immunofluorescence Microscopy
  V Murthy, et al., Jove 2018
  Quote: "*Seed 6 x 10 3 cells/well in 200 µL of a glass-bottom 96-well plate.*"
- The ventral disc is a flexible microtubule organelle that depends on domed ultrastructure for functional attachment of Giardia lamblia
  Scott Charles Dawson,et al., Biorxiv 2017
  Quote: "*3D stacks and time lapse movies were acquired of live cells grown in 96-well #1.5 black glass bottom imaging plates (In Vitro Scientific).*"
- Competing memories of mitogen and p53 signalling control cell-cycle entry
  HW Yang, et al., Nature 549, 404–408 (21 September 2017)
  Quote: "*In brief, cells were plated in a 96-well glass plate (Cellvis P96-1.5HN) that was pre-hybridized with collagen*"
- Surface Toll-like receptor 3 expression in metastatic intestinal epithelial cells induces inflammatory cytokine production and promotes invasiveness
  Marit Bugge, et al., The Journal of Biological Chemistry 292, 15408-15425.
  Quote: "*In nuclear translocation studies, HT29 cells were seeded in 96-well glass-bottom plates (P96-1.5H-N, In Vitro Scientific, Sunnyvale, CA) and treated with poly(I:C) alone*"

- Entosis Is Induced by Glucose Starvation
  Jens C.Hamann, et al., Cell Reports, Volume 20, Issue 1, 5 July 2017, Pages 201-210
  Quote: "*For imaging, cells were plated on #1.5 glass-bottom 96-well plates (P96-1.5H-N; In Vitro Scientific) and maintained at 37°C and 5% CO2*"

- Protection of rhesus macaques against inhalational anthrax with a Bacillus anthracis capsule conjugate vaccine
  DJ Chabot, et al., Vaccine
  Quote: "*RAW 264.7 mouse macrophages (ATCC, Manassas, VA) seeded at 1.4 × 10 4 /well in Dulbecco's Modified Eagle Medium with 10% heat inactivated FBS (DF10) in 96-well 0.15 μm-thick glass bottom plates (In Vitro Scientific, Sunnyvale, CA)*"

- ethodology for Quantitative Characterization of Fluorophore Photoswitching to Predict Superresolution Microscopy Image Quality
  AM Bittel, et al., Scientific Reports
  Quote: "*Single-molecule samples were fixed in 96-well glass bottom plates with #1.5 coverglass bottom (In Vitro Scientific)*"

» View all publications citing "96 Well glass bottom plate with high performance #1.5 cover glass".

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