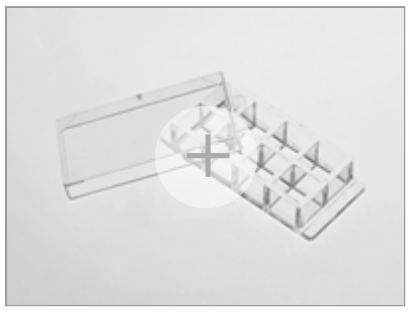
8 Well chambered cover Glass with #1.5 high performance cover glass - 57mm x 25mm base

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



8 Well Chambered Cover Glass with #1.5 high performance cover glass (0.170±0.005mm), with lid, sterilized. Designed for high resolution imaging such as confocal microscopy.

Coverslip :
#1.5H » view coverslip specs

Catalog # :
C8-1.5H-N , request a free sample or Get a quote

Packing :
48/case

Price :
$274.00 USD/case 1 case + Add to Cart

Availability :
202 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, glass thickness is 0.170±0.005mm
- A USP class VI adhesive is used to assemble the cover glass and the plate.
- Sterilized by Gamma radiation.

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

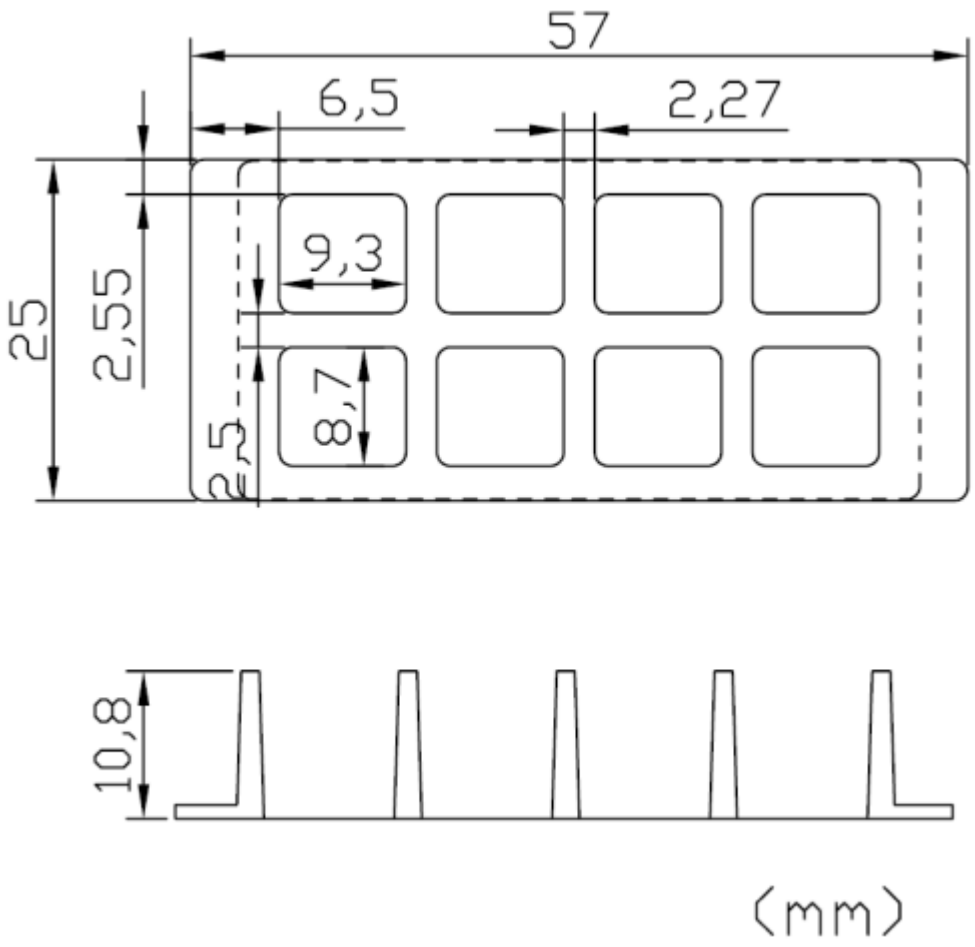
Technical specifications

» View technical specification of different coverslips.

Coverslip	#1.5 high performance cover glass (0.170±0.005mm)
Length	57.00 mm

Width	25.00 mm
Height	10.80 mm
Temperature Range	-20°C to 50°C

Dimension diagram (units in mm)



Latest cited publications on bioRxiv

- TDP-43 pathology links innate and adaptive immunity in amyotrophic lateral sclerosis
  Baggio A. Evangelista, et al., *bioRxiv - Cell Biology 2024*
  *Quote: … glass bottom slides (Cellvis, **C8-1.5H-N**), or glass-bottom culture dishes (Nunc …*
- Synergistic block of SARS-CoV-2 infection by combined drug inhibition of the host entry factors PIKfyve kinase and TMPRSS2 protease
  Alex J.B. Kreutzberger, et al., *bioRxiv - Microbiology 2021*
  *Quote: … 25 mm (Cellvis cat. **C8-1.5H-N**), Polydimethylsiloxane (PDMS …*
- Mammary Epithelial Migration is EMT-Independent
  Jing Chen, et al., *bioRxiv - Cell Biology 2024*
  *Quote: … or 8-well chamber (Cellvis, **C8-1.5H-N**), and beads and organoids were placed approximately 100 µm apart and covered with basic medium (DMEM/F12 or RPMI 1640 …*
- The Arp2/3 complex is required for *in situ* haptotactic response of microglia to iC3b
  Summer G. Paulson, et al., *bioRxiv - Neuroscience 2025*
  *Quote: 8 well chamber dishes (Cellvis, **C8-1.5H-N**) were prepared with a coating of 10µg/mL fibronectin (Gibco …*
- YTHDF1 mediates translational control by m6A mRNA methylation in adaptation to environmental challenges
  Zhuoyue Shi, et al., *bioRxiv - Neuroscience 2024*
  *Quote: 8 chambered cover glass systems (Cellvis **C8-1.5H-N**) were first prepared by coating them with 0.1 mg/mL poly-D-lysine (Sigma-Aldrich …*
- Distinct transcriptomic profile of satellite cells contributes to preservation of neuromuscular junctions in extraocular muscles of ALS mice
  Ang Li, et al., *bioRxiv - Cell Biology 2024*
  *Quote: … 8-well chambered cover glasses (Cellvis **C8-1.5H-N**) were coated with poly-L-ornithine and laminin as described above …*
- Cathepsin B causes trogocytosis-mediated CAR T cell dysfunction
  Kenneth A. Dietze, et al., *bioRxiv - Bioengineering 2024*
  *Quote: Eight-well chambers (Cellvis, catalog no. **C8-1.5H-N**) were used for all experiments …*
- RNA binding proteins and glycoRNAs form domains on the cell surface for cell penetrating peptide entry
  Jonathan Perr, et al., *bioRxiv - Cell Biology 2023*
  *Quote: … in a 8-chambered coverglass system (Cellvis, **C8-1.5H-N**), treated with 500 µL fresh media …*
- Transcription regulates bleb formation and stability independent of nuclear rigidity
  Isabel K. Berg, et al., *bioRxiv - Cell Biology 2022*

*Quote: ... Cells were plated in 8 well coverslips (Cellvis, **C8-1.5H-N**) grown and left untreated or treated with VPA and/or alpha amanitin ...*

- Temporal Dynamics and Stoichiometry in Notch Signaling - from Notch Synaptic Complex Formation to NICD Nuclear Entry
  Lena Tveriakhina, et al., *bioRxiv - Cell Biology 2023*
  *Quote: ... and seeded onto 8-well cover slips (Cellvis, **C8-1.5H-N**) in imaging media at 37°C in presence of 5% CO2 at densities chosen to reach 30-50% confluency at the time of imaging the following day ...*

View all 63 references on labshake.com

Cited Publications before 2019 (10)

- The effects of IKK-beta inhibition on early NF-kappa-B activation and transcription of downstream genes
  MJ Bloom, et al., Cellular Signalling Volume 55, March 2019, Pages 17-25
  Quote: "*One day before the stimulation experiments, cells were seeded in 8-well chambered cover glass (Cellvis, Mountain View, CA) in 200 µl of culture medium at an estimated 35,000 cells/well.*"

- The AP-1 complex regulates AXL expression and determines sensitivity to PI3Kα inhibition in esophagus and head and neck squamous cell carcinoma
  Mai Bdarny, et al., bioRxiv, October 08, 2018
  Quote: "*For IF, cells were seeded on 8-well glass slides (Cellvis, Cat no. C8-1.5H-N) for 48 hours*"

- Visualization of Calcium Ion Loss from Rotavirus during Cell Entry
  Eric N. Salgado, et al., Journal of Virology, 2018
  Quote: "*For live-cell imaging, BSC-1 cells were grown on 8-chambered number 1.5 cover glass slides (Cellvis) in a volume of 400 µl supplemented DMEM and allowed to grow overnight to 50% confluence.*"

- EWI-2 Inhibits Cell-Cell Fusion at the Virological Synapse
  EE Whitaker, et al., BioRxiv, April 06, 2018
  Quote: "*Three days post infection, 3 × 10 5 infected cells were plated onto each well of 8-well glass-bottom plates (CellVis, Mountain View, CA, Cat. #C8-1.5HN) coated with 1:10 poly-L-Lysine in ddH2O*"

- Quantitative Super-Resolution Imaging of Small RNAs in Bacterial Cells
  S Park, et al., Bacterial Regulatory RNA pp 199-212
  Quote: "*The imaging buffer: 10 mM NaCl, 50 mM Tris and 10% glucose in 1× PBS (for immunostained samples) or 4× SSC (for FISH samples) , with pH adjusted to 8. 5. 8-Well chambered cover glass (Nunc Lab-Tek 155409 or Cellvis C8-1.5HN)*"

- Analysis of microtubule dynamics heterogeneity in cell culture
  Anara Serikbaeva, et al., Methods in Molecular Biology, Cellular Heterogeneity pp 181-204
  Quote: "*For life imaging of transfected cells, we used eight-chambered cover glass system #1.5 high-performance cover glass (0.17 ± 0.005 mm) (In Vitro Scientific—www.invitrosci.com)*"

- Size-dependent segregation controls macrophage phagocytosis of antibody-opsonized targets
  Matthew H Bakalar, et al., BioRxiv, January 19, 2018
  Quote: "*For imaging interfaces between cells and supported lipid bilayer coated beads, cells were seeded into 8-well imaging chambers with a cover-glass bottom (Cellvis) and beads were added to the wells once the cells had fully adhered to the cover-glass*"

- A Förster Resonance Energy Transfer Ratiometric Probe Based on Quantum Dot-Cresyl Violet for Imaging Hydrogen Sulfide in Living Cells
  BAI Min, et al., Chinese Journal of Analytical Chemistry Volume 46, Issue 1, January 2018, Pages 39-47
  Quote: "*Cell imaging analysis of H2S in living cells using QDS-N3 ratiometric probe HeLa and MCF-7 cells were seeded in a 8-well Chambered Cover Glass (Cellvis, USA) at 40000 cells per well at 37 ºC for overnight.*"

- IKKα regulates human keratinocyte migration through surveillance of the redox environment
  Thomas S. Lissa, et al., Journal of Cell Science
  Quote: "*For RNA and scratch analyses, cells were cultured in 12-well plates (Corning, 3513) and 8-chamber glass-bottom dishes (In Vitro Scientific, C8-1.5H-N), respectively.*"

- Effect of labeling density and time post labeling on quality of antibody-based super resolution microscopy images
  Amy M. Bittel, et al., Proc. SPIE 9331
  Quote: "*Immunofluorescence Labeling of Microtubules SKBR3 cells were grown in 8-well chambered coverglass slides (In Vitro Scientific) to ~75% confluency*"

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