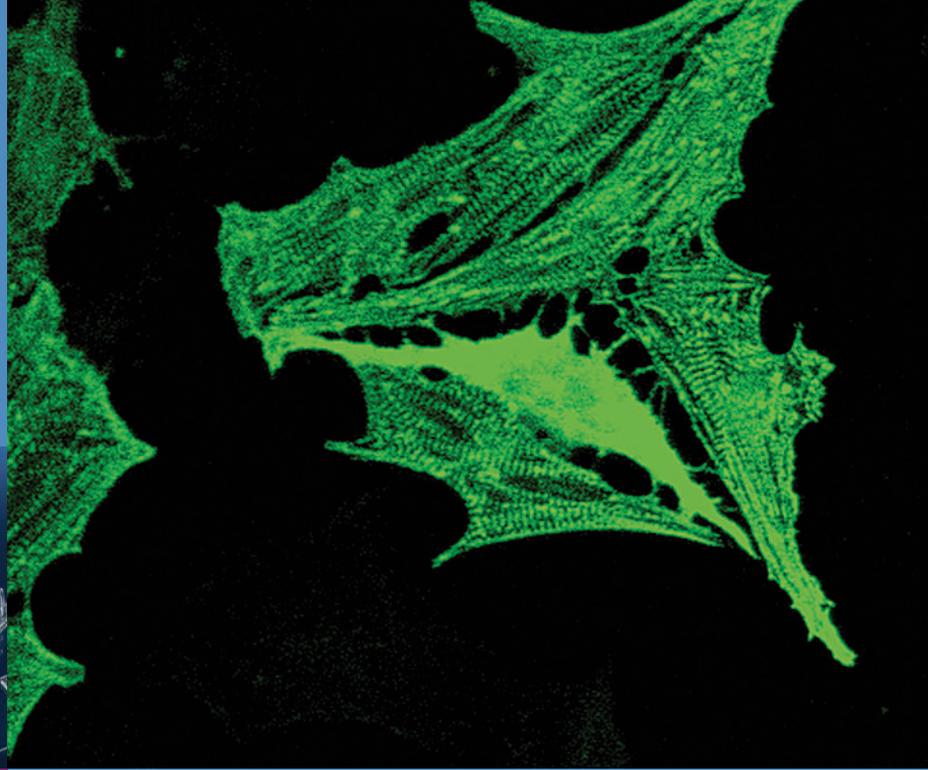
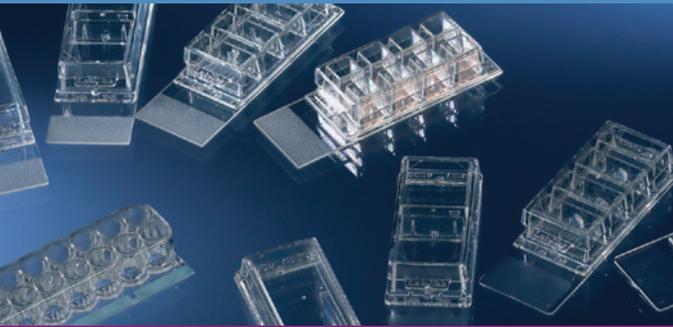


*Reliability and Reproducibility  
for 25 Years*



**Thermo Scientific Nunc  
Lab-Tek Chamber Slides,  
Chambered Coverglass and Slide Flask**

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# Thermo Scientific Nunc Lab-Tek Chamber Slides

Inoculate, incubate, fix and stain in one complete system

## Nunc™ Lab-Tek® Chamber Slides

### Glass versus Permanox® plastic

**Glass:** Offers optimal optical clarity with minimal autofluorescence. Glass is more resistant than plastics to solvents, acids, bases, and heat.

**Permanox:** The plastic is treated for optimal cell culture performance. Permanox has minimal fluorescence and can be used with proper blocking filters in the UV blue range. Increased gas exchange for culture of hepatocyte cells.



Lab-Tek

Cat. No.	177372	177410	177380	177429	177399	177437	177402	177445	178599
No. of Wells	1	1	2	2	4	4	8	8	16
Slide Material	Glass	Permanox	Glass	Permanox	Glass	Permanox	Glass	Permanox	Glass
Sugg. Working Vol., ml	2.5 - 4.5	2.5 - 4.5	1.2 - 2.0	1.2 - 2.0	0.5 - 0.9	0.5 - 0.9	0.2 - 0.4	0.2 - 0.4	0.1 - 0.2
Culture Area, cm <sup>2</sup> /well	9.4	9.4	4.2	4.2	1.8	1.8	0.8	0.8	0.4
Units per pk/ carton/cs	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96

Accessory for Cat. No. 178599	
Cat. No.	171080
Description	Coverglass
Dimensions, mm	22 x 47
Units per pk/ carton/cs	55

## Lab-Tek II Chamber Slides

### Lab-Tek glass versus Lab-Tek II glass

**Lab-Tek** slides feature a silicone gasket that attaches to the upper chamber, and which can be used as a barrier between each well for differential staining or can be removed and coverslipped.

**Lab-Tek II** has a biocompatible adhesive. A tool is provided to remove the upper chamber. The blue hydrophobic border isolates individual wells; a cover slip can be applied.



Lab-Tek II

Cat. No.	154453	154461	154526	154534
No. of Wells	1	2	4	8
Slide Material	Glass	Glass	Glass	Glass
Sugg. Working Vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture Area, cm <sup>2</sup> /well	8.6	4.0	1.7	0.7
Units per pk/carton/cs	8/16/96	8/16/96	8/16/96	8/16/96

### Lab-Tek II versus Lab-Tek II CC<sup>2</sup>

**Lab-Tek II** is a Soda Lime Glass that has been washed to promote cell growth and adherence.

**Lab-Tek II CC<sup>2</sup>** is a chemically modified glass growth surface with a positive charge that mimics Poly-D-Lysine.



Lab-Tek II CC<sup>2</sup>

Cat. No.	154739	154852	154917	154941
No. of Wells	1	2	4	8
Slide Material	Glass	Glass	Glass	Glass
Sugg. Working Vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture Area, cm <sup>2</sup> /well	8.6	4.0	1.7	0.7
Units per pk/carton/cs	8/16/96	8/16/96	8/16/96	8/16/96

# Reliability and Reproducibility for 25 Years!

## Lab-Tek and Lab-Tek II Chambered\* Coverglass

### Lab-Tek Chambered Coverglass versus Lab-Tek II Chambered Coverglass

**Lab-Tek Chambered Coverglass** is a 1.0 borosilicate coverglass, 0.13 - 0.17 mm thick

**Lab-Tek II Chamber Coverglass** is 1.5 borosilicate coverglass, 0.16 - 0.19 mm thick

\*Chamber is not removable.

Check with your microscope supplier to see what your confocal microscope objective should be set to read.



**Lab-Tek Chambered Coverglass**



**Lab-Tek II Chambered Coverglass**

Cat. No.	155361	155380	155383	155411
No. of Wells	1	2	4	8
Slide Material	Glass	Glass	Glass	Glass
Sugg. Working Vol., ml	2.5 - 4.5	1.0 - 2.0	0.5 - 0.9	0.2 - 0.4
Culture Area, cm <sup>2</sup> /well	9.4	4.2	1.8	0.8
Units per pk/carton/cs	8/16/96	8/16/96	8/16/96	8/16/96

Cat. No.	155360	155379	155382	155409
No. of Wells	1	2	4	8
Slide Material	Glass	Glass	Glass	Glass
Sugg. Working Vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture Area, cm <sup>2</sup> /well	8.6	4.0	1.7	0.7
Units per pk/carton/cs	8/16/96	8/16/96	8/16/96	8/16/96

## Thermo Scientific Nunc Flaskette and SlideFlask

Flaskette and SlideFlask are ideal for cell karyotyping using single cell autoradiography or single cell immunofluorescence – culture cells directly on the microscope slide. Each SlideFlask is ultrasonically welded and leak tested.



**Flaskette and SlideFlask**

Cat. No.	177453*	170920**
Description	Flaskette	SlideFlask
Slide Material	Glass	Polystyrene
Sugg. Working Vol., ml	2.5 - 5.0	2.5 - 5.0
Culture Area, cm <sup>2</sup> /well	10	9.0
Units per pk/carton/cs	8/16/96	5/50

Accessory for Cat. No. 170920	
Cat. No.	171862
Description	Coverglass
Dimensions, mm	18 x 50
Units per pack/case	100/1000

\*CE marked \*\*Nunclon®Δ Certified

## For more information on Lab-Tek Chamber Slide and SlideFlask Products

### Literature

Available in pdf format at [www.nuncbrand.com](http://www.nuncbrand.com) under Support/Bulletins and Tech Notes

#### Bulletin No.13

Cell Adhesion and Growth on Coated or Modified Glass or Plastic Surfaces

- Comparison of Lab-Tek & Lab-Tek II Chamber Slide Systems
- FAQ: General Cell Culture
- FAQ: LabTek Chamber Slide Products
- In Vitro Cell Culture

#### Tech Note, Vol. 3 No. 15

Compatibility of Various Mounting Media on Permax Slides

#### Tech Note, Vol. 3 No. 20

Compatibility of Chamber Slide ~ M Components with Various Fixation Reagents

#### Tech Note, Vol. 3 No. 25

Cell Counting and Dye Exclusion Viability Assays Using a Hemacytometer

#### Tech Note, Vol. 4 No. 34

Culturing HEL 299 Cell Line on a Nunclon $\Delta$  Cell Culture Treated Surface

#### Tech Note, Vol. 4 No. 35

Culturing L929 Cell Line on a Nunclon $\Delta$  Cell Culture Treated Surface

#### Tech Note, Vol. 4 No. 36

Culturing Primary Chick Embryo Cells on a Nunclon $\Delta$  Cell Culture Treated Surface

#### Tech Note, Vol. 4 No. 37

Culturing V79-4 Cell Line on a Nunclon $\Delta$  Cell Culture Treated Surface

### Visit

[www.pubmedcentral.nih.gov](http://www.pubmedcentral.nih.gov) and reference the following articles.

Mezey, Eva, Chandross, Karen J., Harta, Gyongyi, Maki, Richard A., McKercher, Scott R. Turning Blood into Brain: Cells Bearing Neuronal Antigens Generated in Vivo from Bone Marrow. *Science* 2000 290: 1779-1782

Oldenborg, Per-Arne, Zheleznyak, Alex, Fang, Yi-Fu, Lagenaur, Carl F., Gresham, Hattie D., Lindberg, Frederik P. Role of CD47 as a Marker of Self on Red Blood Cells. *Science* 2000 288: 2051-2054

Hu, Yinling, Baud, Véronique, Delhase, Mireille, Zhang, Peilin, Deerinck, Thomas, Ellisman, Mark, Johnson, Randall, Karin, Michael Abnormal Morphogenesis But Intact IKK Activation in Mice Lacking the IKK Subunit of IB Kinase. *Science* 1999 284: 316-320

Rambukkana, Anura, Yamada, Hiroki, Zanazzi, George, Mathus, Todd, Salzer, James L., Yurchenco, Peter D., Campbell, Kevin P., Fischetti, Vincent A. Role of -Dystroglycan as a Schwann Cell Receptor for Mycobacterium leprae. *Science* 1998 282: 2076-2079

Carstea, Eugene D., Morris, Jill A., Coleman, Katherine G., et. al. Niemann-Pick C1 Disease Gene: Homology to Mediators of Cholesterol Homeostasis. *Science* 1997 277: 228-231

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