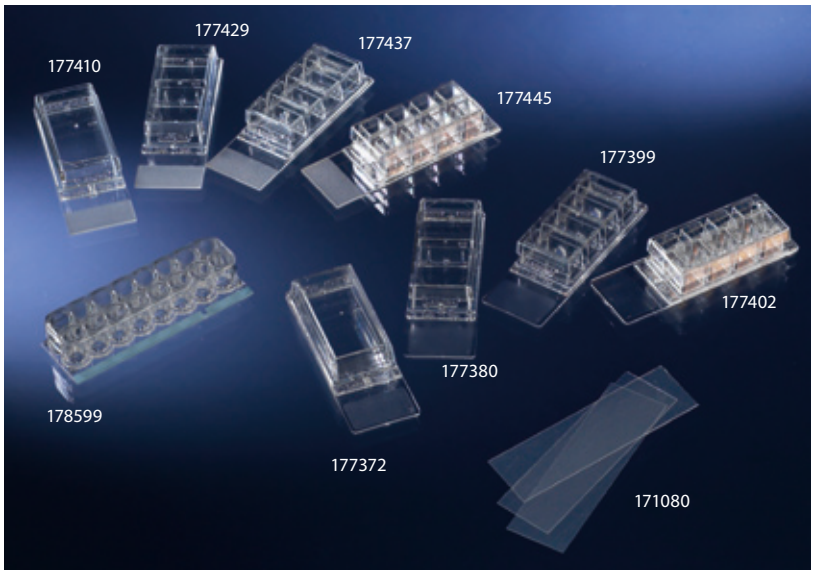
Lab-Tek™ Chamber Slide™ System

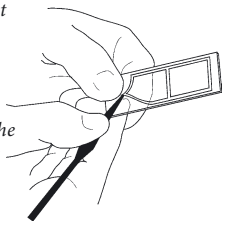


- Cells grow on a standard microscope slide
- No cell transfer needed prior to visualization/staining
- Upper structure can be removed when culturing is complete
- Useful for viral and mycoplasma testing, chromosome studies, toxicity tests and immunocytology
- Broad range of formats and well numbers
- Fits standard equipment
- Saves time and reagents
- Suitable for use with fluorescent labels
- CE marked

Media Chamber and Gasket Removal

Fix and stain. Gasket may be used as reservoir for reagent incubation. To detach slide from media chamber, grip end of slide with one hand. Gently squeeze both ends of media chamber toward the center lifting chamber as gasket releases

Gasket removal. Insert tip of a thin bladed spatula or similar tool under gasket at one corner. Without stretching or tearing the gasket, smoothly lift it away from the slide



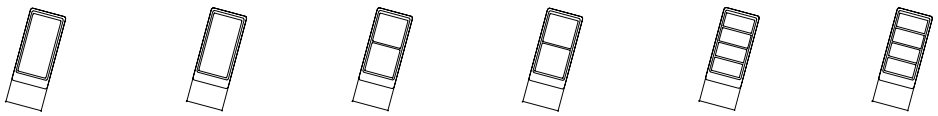
Literature:

Bulletin No: 13
Tech Note Nos: 15, 20, 25, Vol. 4: 34, 35, 36, 37

See Pages 195-196 for full reference list with titles and links

Lab-Tek™ Chamber Slides

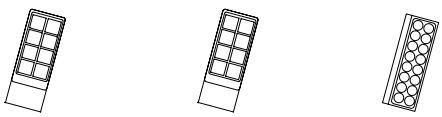
CE marked. Sterile



Cat. No.	177372	177410	177380	177429	177399	177437
Number of wells	1	1	2	2	4	4
Slide material	Glass	Permanox™	Glass	Permanox™	Glass	Permanox™
Suggested 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
Culture area, cm^2/well	9.4	9.4	4.2	4.2	1.8	1.8
Units per pack/carton/case	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96	8/16/96

Lab-Tek™ Chamber Slides

CE marked. Sterile



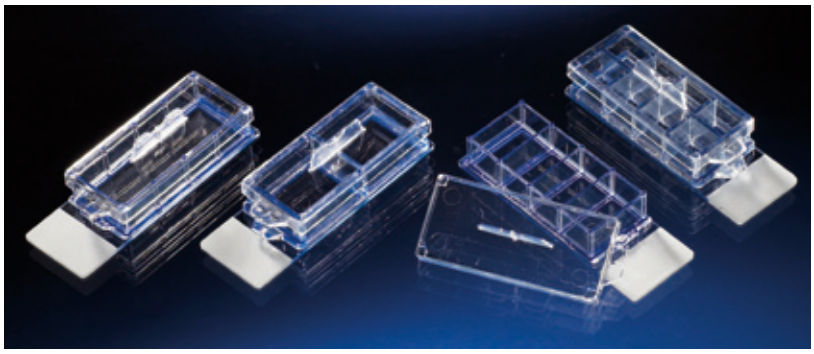
Cat. No.	177402	177445	178599
Number of wells	8	8	16
Slide material	Glass	Permanox™	Glass
Suggested working vol., ml	0.2 - 0.4	0.2 - 0.4	0.1 - 0.2
Culture area, cm^2/well	0.8	0.8	0.4
Units per pack/carton/case	8/16/96	8/16/96	8/16/96

Accessories

for 178599

Cat. No.	171080
Description	Coverglass
Dimensions, mm	22 x 74
Units per pack	55 g

Lab-Tek™ II Chamber Slide™ System



- Removable, polystyrene medium chamber of 1, 2, 4 or 8-well configuration
- Non-fluorescent microscope slide, glass (25 x 75 x 1.2 mm) with rounded corners
- Biocompatible adhesive
- Polystyrene cover
- Inert hydrophobic well border printed on slide
- Superfrost™ printed white writing area
- Treated for excellent attachment and growth of cells
- Slide separator included in each pack
- CE marked

Superfrost™ is a registered trademark of Erie Scientific

Lab-Tek™ II Chamber Slide™
CE marked. Sterile

Cat. No.	154453	154461	154526	154534
Number of wells	1	2	4	8
Medium chamber	Polystyrene	Polystyrene	Polystyrene	Polystyrene
Slide material	Glass	Glass	Glass	Glass
Suggested working vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture area, cm^2/well	8.6	4.0	1.7	0.7
Units per tray/pack/case	8/16/96	8/16/96	8/16/96	8/16/96

Literature:

Bulletin No: 13
Tech Note Nos: 20, 25, Vol. 4: 34, 35, 36, 37

See Pages 195-196 for full reference list with titles and links

Lab-Tek™ II - CC²™ Chamber Slide™ System

- Chemically coated growth surface on glass slide that mimics polylysine
- Provides binding sites optimal for fastidious cells (e.g. neurons)
- Growth surface remains stable without refrigeration
- Light blue frosted writing area
- Slide separator included in each pack
- CE marked

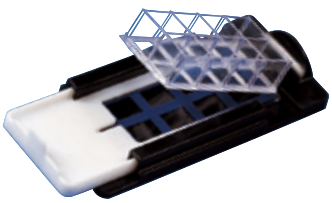
Literature:

Bulletin: No: 13
Tech Note Nos: 20, 25, Vol. 4: 34, 35, 36, 37

See Pages 195-196 for full reference list with titles and links

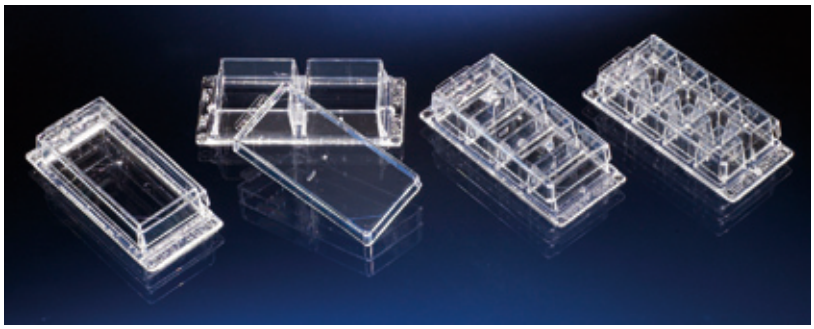
Lab-Tek™ II - CC²™ Chamber Slide™
CE marked. Sterile

Cat. No.	154739	154852	154917	154941
Number of wells	1	2	4	8
Medium chamber	Polystyrene	Polystyrene	Polystyrene	Polystyrene
Suggested working vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture area, cm^2/well	8.6	4.0	1.7	0.7
Units per tray/pack/case	8/16/96	8/16/96	8/16/96	8/16/96



Slide Separator lifts medium chamber from slide

Lab-Tek™ Chambered Coverglass



- Excellent for confocal image analysis
- Optimal for high power inverted microscopic viewing
- Chambered coverglass
- Medium chamber is **not** removable
- CE marked

Lab-Tek™
Chambered Coverglass
CE marked. Sterile.
1.0 Borosilicate coverglass.

Cat. No.	155361	155380	155383	155411
Number of wells	1	2	4	8
Medium chamber	Polystyrene	Polystyrene	Polystyrene	Polystyrene
Slide material	Glass	Glass	Glass	Glass
Suggested working vol., ml	2.5 - 4.5	1.2 - 2.0	0.5 - 0.9	0.2 - 0.4
Culture area, cm^2/well	9.4	4.2	1.8	0.8
Units per pack/carton/case	8/16/96	8/16/96	8/16/96	8/16/96

Literature:
Bulletin No: 13
Tech Note Nos: 25, Vol. 4: 34, 35, 36, 37

See Pages 195-196 for full reference list with titles and links

Lab-Tek™ II Chambered Coverglass

- Excellent for confocal image analysis
- Optimal for high power inverted microscopic viewing
- Chambered coverglass
- Medium chamber is **not** removable
- CE marked

Lab-Tek™ II
Chambered Coverglass
CE marked. Sterile.
1.5 Borosilicate coverglass.

Cat. No.	155360	155379	155382	155409
Number of wells	1	2	4	8
Medium chamber	Polystyrene	Polystyrene	Polystyrene	Polystyrene
Suggested working vol., ml	2.0 - 4.5	1.0 - 2.0	0.5 - 1.0	0.2 - 0.5
Culture area, cm^2/well	8.6	4.0	1.7	0.7
Units per tray/pack/case	8/16/96	8/16/96	8/16/96	8/16/96

Literature:
Bulletin No: 13
Tech Note Nos: 25, Vol. 4: 34, 35, 36, 37

See Pages 195-196 for full reference list with titles and links

Comparison of Lab-Tek™ and Lab-Tek™ II

BioGenerica
Your Partner for Life Science and Research Products
BIOGENERICA S.R.L.
Via Pescara 7 Int. 23 - 95030 Mascalucia (CT) - Italia
Tel. +39 095914678 - Fax +39 0952246205 - info@biogenerica.it
www.biogenerica.it

Nunc Chamber Slide™ System

Feature	Lab-Tek™ Product	Lab-Tek™ II Product
Configurations	1, 2, 4, 8, 16 well, flask style	1, 2, 4, 8 well
Medium chamber material	Proprietary cell culture grade polystyrene	Proprietary cell culture grade polystyrene
Slide materials	Soda Lime glass Permanox™ plastic Polystyrene plastic	Soda Lime glass
Cover	Clear polystyrene, no handle, facilitates microscopic viewing	Clear polystyrene with top handle for aseptic manipulations
Sealant	Non-toxic medical grade silicone Remains on slide after detachment	Biocompatible acrylic adhesive - Remains with media chamber after detachment
Reagent "dam"	Created by removable silicone gasket	Created by hydrophobic border
Component separation	No separation tools required	Requires separation tools
Growth surface	For adherent cell culture: Glass slides - Six stage high purity water wash Permanox™ Plastic - Cell culture treated Polystyrene - Cell culture treated	For adherent cell culture: RS treated glass slides - Proprietary wash CC^2 - chemically modified growth surface
Biological testing	BHK-21, HEp-2 cells	BHK-21, HEp-2 cells
Leak tested	Yes	Yes
Slide background fluorescence	Glass: No endogenous fluorescence Permanox: Minimal fluorescence Polystyrene: Autofluorescence < 485 nm	Glass: No endogenous fluorescence
Coverslip compatibility	Yes, following gasket removable	Yes
Writing surface	"Sand blasted" frosted end	Superfrost™ with printed end

Chambered Coverglass System

Feature	Lab-Tek™ Product	Lab-Tek™ II Product
Configurations	1, 2, 4, 8 well	1, 2, 4, 8 well
Medium chamber material	Proprietary cell culture grade polystyrene Non-removable	Proprietary cell culture grade polystyrene - Non-removable
Coverglass materials	Borosilicate glass No. 1 thickness (0.13 - 0.17 mm)	Borosilicate glass No. 1.5 thickness (0.16 - 0.19 mm)
Cover	Clear polystyrene, no handle facilitates stacking	Clear polystyrene with handle for aseptic manipulations
Sealant	Non-toxic medical grade silicone	Biocompatible acrylic adhesive
Growth surface	For adherent cell culture	For adherent cell culture
Biological testing	BHK-21, HEp-2 cells	BHK-21, HEp-2 cells
Leak tested	Yes	Yes
Slide background fluorescence	Glass-: No endogenous fluorescence	Glass: No endogenous fluorescence
Writing surface	None	None
Packaging	8 tray, 16 pack, 96 case	8 tray, 16 pack, 96 case

SuperFrost™ is an Erie Scientific registered trademark.