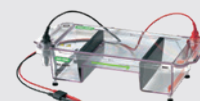
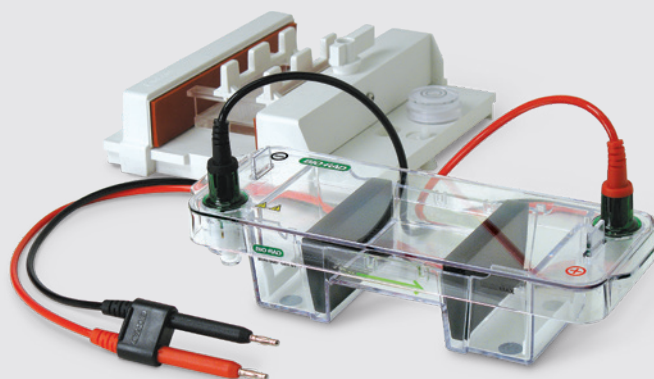


A Sub-Cell System for Every Application

Whether you are running precious PCR samples or performing an application that requires nucleic acid separation, such as restriction fragment length polymorphism (RFLP), there is a Sub-Cell GT System just right for your purposes.

The Mini-Sub Cell GT, Wide Mini-Sub Cell GT, and Sub-Cell GT Cell Systems are designed for a simplified electrophoresis experience and a more intuitive experiment setup. Depending on the model, agarose gels can be cast directly in the cell or by using our handcasting kits. For added convenience, a wide variety of accessories, buffers, standards, and ReadyAgarose Precast Gels are available.

- Quick separations in a minimum of 15 minutes
- Intuitive setup with directional arrow to indicate gel orientation
- Leakproof system with electrode design to prevent buffer leaks
- Simplified assembly with patented QuickSnap electrodes for alignment
- Lid removal assistance with longer base tabs for detachment support
- Wide component availability of gel trays and combs
- Eco-friendly design with less plastic



Sub-Cell System Selection Guide

	Mini-Sub Cell GT System	Wide Mini-Sub Cell GT System	Sub-Cell GT System
Gel tray sizes, cm (W x L)	7 x 7 7 x 10	15 x 7 15 x 10	15 x 10 15 x 15 15 x 20 15 x 25
ReadyAgarose Gels accommodated	Yes 8-, 12-, 2 x 8-well	Yes 20-, 32-, 2 x 32-, 4 x 26-well	No
Sample throughput	8–30*	10–60*	1–120**
Base buffer volume	~270 ml	~650 ml	~1 L
Cell size, cm (W x L x H)	9.2 x 25.5 x 5.6	17.8 x 25.5 x 6.8	18 x 40.5 x 9.4
Bromophenol blue dye migration rate	~4.5 cm/hr (at 75 V)	~4.5 cm/hr (at 75 V)	~3.0 cm/hr (at 75 V)

* Sample throughput value assumes 1–2 combs per gel.

** Sample throughput value assumes 1–4 combs per gel.

Sub-Cell System Configuration Options

	Catalog Number	UV-Transparent Tray, cm (W x L)							Combs			Casting Gates 1704415 1704425 1704434	Gel Caster 1704412 1704422	PowerPac Basic Power Supply 1645050
		7 x 7 1704436	7 x 10 1704435	15 x 7 1704426	15 x 10 1704416	15 x 15 1704417	15 x 20 1704418	15 x 25 1704419	8-Well 1704463	15-Well 1704465 1704446	20-Well 1704448			
Mini-Sub Cell GT Systems	1704406	*							*	*		*		
	1704486	*							*	*		*		
	1704466		*						*	*		*		
	1704467		*						*	*		*		
	1640300		*						*	*		*	*	
1704487**														
Wide Mini-Sub Cell GT Systems	1704405			*					*	*		*		
	1704485			*					*	*		*		
	1704468				*				*	*		*		
	1704469				*				*	*		*		
	1640301				*				*	*		*	*	
1704489**														
Sub-Cell GT Systems	1704401				*				*	*				
	1704481				*				*	*		*		
	1704402					*			*	*	*	*		
	1704482					*			*	*	*	*		
	1640302					*			*	*	*	*	*	
	1704403						*		*	*		*		
	1704483						*		*	*		*		
	1704404							*	*	*		*		
1704484							*	*	*		*			

* Allows casting gels in cell using casting gates.

** Dedicated to running ReadyAgarose Precast Gels.

Visit bio-rad.com/SubCell for more information.

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The Mini-Sub Cell GT, Wide Mini-Sub Cell GT, and Sub-Cell GT Cell Systems and/or their use are covered by the following U.S. patent and/or pending U.S. patent application or their foreign counterparts owned by or under license to Bio-Rad Laboratories, Inc., including, but not limited to, U.S. Patent No. 8,262,889.



Bio-Rad PCR reagents and analytical instruments are manufactured under an ISO 13485:2016 certified Quality Management System and are quality control tested to ensure consistent product performance you can trust.



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Life Science Group

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