

Electrophoresis, Blotting and Immunodetection

Electrophoresis equipment - Horizontal, agarose systems

Continuation

E-Gel® pre-cast agarose electrophoresis system



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E-Gel® with SYBR Safe™ single comb starter pack

Catalogue No	Agarose	Quantity
VXG620601UK	1.2%	1 kit
VXG620602UK	2%	1 kit

E-Gel® with SYBR Safe™ single comb 18 packs

Catalogue No	Agarose	Quantity
VXG521801	1.2%	18 gels
VXG521802	2%	18 gels

E-Gel® single comb starter packs

Catalogue No	Agarose	Quantity
VXG600008UK	0.8%	1 kit
VXG600001UK	1.2%	1 kit
VXG600002UK	2%	1 kit

E-Gel® single comb 18 packs

Catalogue No	Agarose	Quantity
VXG501808	0.8%	18 gels
VXG501801	1.2%	18 gels
VXG501802	2%	18 gels
VXG501804	4%	18 gels

E-Gel® double comb 18 packs

Catalogue No	Agarose	Quantity
VXG601808	0.8%	18 gels
VXG601802	2%	18 gels

E-Gel® Opener

Catalogue No	
VXG530001	

E-Gel® 96 High-Throughput

Catalogue No	Agarose	Quantity
VXG700801	1%	8 gels
VXG700802	2%	8 gels

E-Gel® 48 Medium-Throughput

Catalogue No	Agarose	Quantity
VXG800804	4%	8 gels
VXG800802	2%	8 gels
VXG800801	1%	8 gels

Mother E-Base™ Integrated Power Supply

Catalogue No	
VXEBM03UK	

Daughter E-Base™ Integrated Power Supply

Catalogue No	
VXEED03	

E-Holder™ Platform

Catalogue No	
VXEH03	

Pre-cast nucleic acid gels, E-Gel® EX Gels



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Rapid separation of nucleic acids.

E-Gel® EX gels are the fastest resolving gels in the E-Gel® product line and feature:

- Complete separation in just 10 min
- Ultra sensitive detection of DNA
- Quick check of RNA samples
- Live monitoring of DNA migration without the hazards of UV light
- Easy access to the gel for extraction of DNA bands or transfer to membranes for Southern blotting

E-Gel® EX gels were developed for ultimate sensitivity and demonstrate over 5-fold greater sensitivity than comparable gels containing ethidium bromide.

Quick check of RNA samples

E-Gel® EX gels can also be used for fast analysis of RNA samples to check on their integrity before proceeding with downstream applications.

Live monitoring of DNA migration

A proprietary stain incorporated in the gels is excitable by visible blue light, allowing safe, real-time monitoring of DNA or RNA migration with the E-Gel® Safe Imager Real-Time Transilluminator.

Easy access to the gel

The gel cassette is designed to open with Invitrogen's Gel Knife, so that the gel inside can be accessed readily for excision of specific bands or transferred to a membrane for Southern blot analysis.

Nucleic acid markers

The room-temperature stable, ready-to-use E-Gel® 1Kb Plus DNA Ladder is premixed with loading buffer and is formulated specifically for maximum performance on E-Gel® EX gels as well as other E-Gel® precast gels. Standard ladders not premixed with loading buffer may also be used, but in significantly lower amounts than required for other gels. Invitrogen's 0.1Kb-2 Kb and 0.5Kb-10Kb RNA ladders may be used when separating RNA samples.

Running and viewing apparatus

E-Gel® EX gels require the E-Gel® iBase™ Power System for running and the E-Gel® Safe Imager™ Real-Time Transilluminator for real time viewing of sample migration.

Catalogue No	Description	Pack qty
VXG401001	E-Gel® EX 1%	10
VXG402001	E-Gel® EX 1%	20
VXG401002	E-Gel® EX 2%	10
VXG402002	E-Gel® EX 2%	20

Pre-cast nucleic acid gels, E-Gel® SizeSelect™ starter kits



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For rapid separation and fragment collection of nucleic acids.

E-Gel® SizeSelect™ 2% starter kit includes all the components necessary to start doing size separation and fragment collection in minutes rather than hours:

- 10 x E-Gel® SizeSelect™ 2% agarose gels
- E-Gel® iBase™ E-Gel® Safe Imager™
- 50bp ladder

Enjoy the convenience of CloneWell easy recovery wells but for smaller DNA size ranges of less than 1Kb. No tedious and error prone gel extraction steps are necessary. For next generation sequencing library preparation, cloning and all other applications the E-Gel® SizeSelect™ 2% is an ideal solution where rapid, accurate recovery of specific DNA size ranges of less than 1Kb is critical. E-Gel® SizeSelect™ 2% reduces the time to conduct size separation and fragment selection from hours to under 15 minutes for 150bp to 200bp fragments.

Catalogue No	Description
VXG6511STUK	E-Gel® EX starter kit, 1%
VXG6512STUK	E-Gel® EX starter kit, 2%