



E-Gel Electrophoresis System

DNA & RNA 전기영동 시스템

E-gel Power Snap Electrophoresis System

Invitrogen E-Gel Power Snap Electrophoresis system은 블루 라이트가 장착되어 안전한 작동이 가능하며 클로닝 효율을 개선시켜 줍니다. 전기영동장치에 직접 camera system이 도킹 되어 외부 전력이나 컴퓨터 연결없이 자유롭게 영상을 캡처할 수 있습니다.

- **고속 분석** : 샘플 로딩부터 영상 캡처까지 단 15분이면 완료
- **간편한 작동** : 터치 스크린을 이용한 직관적인 사용자 인터페이스
- **안전한 workflow** : Premade gel과 blue LED를 이용한 쉽고 빠른 전기 영동 진행
- **효율적인 클로닝** : E-gel CloneWell II agarose gel, SizeSelect II agarose gel 을 이용하여 기존의 Gel elution 과정을 파이펫팅으로 간단하게 수득 가능. Target DNA가 Retrieve well을 통과하여도 Reverse protocol 가능하여 DNA 밴드 다시 캡처



E-Gel Power Snap



주문 정보

Device product	Quantity	Cat. No.	
E-Gel™ Power Snap Electrophoresis Device	1 unit	G8100	
E-Gel™ Power Snap Camera	1 unit	G8200	
Gel product	Resolution	Quantity	Cat. No.
E-Gel™ EX Agarose Gels, 2%	50bp - 2kb	10 gels	G401002
E-Gel™ EX Agarose Gels, 4%	10bp - 400bp	10 gels	G401004
E-Gel™ EX Agarose Gels, 1%	100bp - 5kb	10 gels	G401001
E-Gel™ CloneWell™ II Agarose Gels 0.8%	100bp - 6kb	10 gels	G661818
E-Gel™ SizeSelect™ II Agarose Gels, 2%	50bp - 1kb	10 gels	G661012

E-Gel Power Snap Plus Electrophoresis System

Invitrogen E-Gel Power Snap Plus System은 많은 양의 샘플을 확인할 수 있는 High-throughput 전기영동장비입니다. Precast gel을 이용하여 buffer없이 빠르고 간편하게 사용할 수 있고 Cloud/Network 연결으로 편리하게 파일을 전송할 수 있습니다.

- **High Throughput Workflow 적용** : 11 well, 22 well, 48 well, 96 well 적용 가능
- **고속 분석** : 샘플 로딩부터 영상 캡처까지 단 20분만에 완료
- **안전한 workflow** : Buffer 없이 precast gel을 이용하여 유해 화학물질 취급의 최소화 및 블루라이트 transilluminator 탑재로 안전하게 사용 가능
- **간편한 사용** : Cloud/Network 연결으로 편리하게 파일 전송 가능



1 Load

2 Run

3 Analyze

E-Gel Power Snap Plus

Fully integrated
모든 실험 과정이 하나의 기기 안에서 수행

Control
camera or electrophoresis 모듈을
이용한 실시간 모니터링 가능

Small footprint
일반 imager의 1/5 크기



Cloud/network connectivity
- 손쉬운 file 전달 가능
- iBright Analysis Software 호환
- 2 TB online storage

Powerful and user-friendly
- large 8" 터치스크린
- 64 GB of internal memory
- 고화질 13 MP camera

Convenient
11- to 96 - well E-Gel agarose gels 사용 가능
(with included accessories)

주문 정보

Product	Cat. No.
E-Gel™ Power Snap Plus Electrophoresis Device	G9110
E-Gel™ Power Snap Plus Camera	G9200
E-Gel™ Power Snap Plus Electrophoresis System	G9311

Product	Resolution	Qty (gels)	Cat. No.
E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	400 bp–10 kb	8	G820801
E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	50 bp–3 kb	8	G820802
E-Gel™ 96 Agarose Gels with SYBR Safe DNA Gel Stain, 1%	1 bp–10 kb	8	G720801
E-Gel™ 96 Agarose Gels with SYBR Safe DNA Gel Stain, 2%	100 bp–2 kb	8	G720802

E-Gel 장비 선택 가이드



	Invitrogen™ E-Gel™ Power Snap Plus Electrophoresis System	Invitrogen™ E-Gel™ Power Snap Electrophoresis System
Key difference	Low-to high-throughput analysis	Low-throughput analysis
Benefits	고속 분석 샘플 로딩부터 영상 캡처까지 단 20분만에 완료	
Sample throughput	11 well – 96 well	4 well – 22 well
Applications	Genotyping, fast PCR analysis	Routine electrophoresis, cloning
Software	Invitrogen iBright analysis software	Standard analysis software

E-Gel 선택 가이드

Product	Description	Focus	Incorporated stain	Run time	Run time	Resolution
E-Gel™ EX Agarose Gels	<ul style="list-style-type: none"> • 11 well organised in a single or two rows (22 sample wells) • Our fastest, most sensitive, and flexible precast agarose gels 	Fastest-resolving gels	SYBR Gold	8-13 min	1.0%	100 bp–5 kb
E-Gel™ EX Double Comb Agarose Gels				2.0%	50 bp–2 kb	
E-Gel™ Agarose Gels with SYBR Safe	<ul style="list-style-type: none"> • 11 well organised in a single or two rows (22 sample wells) • SYBR Safe DNA Stain—a less hazardous alternative to ethidium bromide 	General purpose	SYBR Safe	15-30 min	1.0%	100 bp–5 kb
E-Gel™ Double Comb Agarose Gels with SYBR Safe				2.0%	50 bp–2 kb	
E-Gel™ 48 Agarose Gels with SYBR™ Safe	<ul style="list-style-type: none"> • 48 sample wells and 4 marker wells • Compatible with multichannel pipettors or liquid handling robots for increased throughput 	Medium/high throughput	SYBR Safe	20 min	1.0%	400 bp–10 kb
E-Gel™ 96 Agarose Gels with SYBR™ Safe				2.0%	50 bp–3 kb	
E-Gel™ CloneWell II Agarose Gel	<ul style="list-style-type: none"> • 96 sample wells and 8 marker wells in a unique staggered-well format • Compatible with multichannel pipettors and 8-, 12- and 96-pin liquid handling robots for high-throughput electrophoresis 	High throughput	SYBR Safe	12 min	1.0%	1 kb–10 kb
E-Gel™ SizeSelect II Agarose Gel				2.0%	100 bp–2 kb	
E-Gel™ CloneWell II Agarose Gel	<ul style="list-style-type: none"> • 2 rows of 7 sample wells • Convenient purified DNA recovery directly from the gel with a pipette 	High-efficiency cloning	SYBR Safe	14–36 min	0.8%	100 bp–6 kb
E-Gel™ SizeSelect II Agarose Gel	<ul style="list-style-type: none"> • 2 rows of 7 sample wells • Most convenient method for the purification of DNA libraries for next-generation sequencing (NGS) applications 	Purification of DNA for NGS	SYBR Gold	8–20 min	2.0%	50 bp–1 kb
E-Gel™ NGS Agarose Gel	<ul style="list-style-type: none"> • 11 wells 	NGS	SYBR Safe		0.8%	
E-Gel™ Go!	<ul style="list-style-type: none"> • Single row of 4 sample wells • Convenient when you only need to run a few samples 	Low throughput	SYBR Gold	15 min	1.0%, 2.0%	100 bp–5 kb 100 bp–1.5 kb



Ordering Information

분류	Catalog no.	Description	Size
Device	G9110	E-Gel™ Power Snap Plus Electrophoresis Device	
	G9200	E-Gel™ Power Snap Plus Electrophoresis Camera	
	G9311	E-Gel™ Power Snap Plus Electrophoresis System, Device with Camera	
	G8300	E-Gel™ Power Snap Electrophoresis System, Device with Camera	
	G8100	E-Gel™ Power Snap Electrophoresis Device	
	G8200	E-Gel™ Power Snap Camera	
	E-Gel	A42100	E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%
A45202		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	2 x 10 gels
A45203		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	5 x 10 gels
A42135		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	10 gels
A45204		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	2 x 10 gels
A45205		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	5 x 10 gels
A42136		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 4%	10 gels
A45206		E-Gel™ Agarose Gels with SYBR™ Safe DNA Gel Stain, 4%	2 x 10 gels
G401001		E-Gel™ EX Agarose Gels, 1%	10 gels
G402021		E-Gel™ EX Agarose Gels, 1%	2 x 10 gels
G401002		E-Gel™ EX Agarose Gels, 2%	10 gels
G402022		E-Gel™ EX Agarose Gels, 2%	2 x 10 gels
G401004		E-Gel™ EX Agarose Gels, 4%	10 gels
A42347		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	10 gels
A44885		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	2 x 10 gels
A44886		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	5 x 10 gels
A42348		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	10 gels
A42390		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	2 x 10 gels
A44884		E-Gel™ Double Comb Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	5 x 10 gels
A42345		E-Gel™ EX Double Comb Agarose Gels, 1%	10 gels
A44887		E-Gel™ EX Double Comb Agarose Gels, 1%	2 x 10 gels
A44888		E-Gel™ EX Double Comb Agarose Gels, 1%	5 x 10 gels
A42346		E-Gel™ EX Double Comb Agarose Gels, 2%	10 gels
A44889		E-Gel™ EX Double Comb Agarose Gels, 2%	2 x 10 gels
A44890		E-Gel™ EX Double Comb Agarose Gels, 2%	5 x 10 gels
A25798		E-Gel™ NGS™ 0.8% Agarose Gels	10 gels
G661012		E-Gel™ SizeSelect™ II Agarose Gels, 2%	10 gels
G661818		E-Gel™ CloneWell™ II Agarose Gels with SYBR Safe, 0.8%	10 gels
G820801		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	8 gels
G820841		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	4 x 8 gels
G820802		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	8 gels
G820842		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	4 x 8 gels
G820804		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 4%	8 gels
G820844		E-Gel™ 48 Agarose Gels with SYBR™ Safe DNA Gel Stain, 4%	4 x 8 gels
G720801		E-Gel™ 96 Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	8 gels
G720841		E-Gel™ 96 Agarose Gels with SYBR™ Safe DNA Gel Stain, 1%	4 x 8 gels
G720802		E-Gel™ 96 Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	8 gels
G720842		E-Gel™ 96 Agarose Gels with SYBR™ Safe DNA Gel Stain, 2%	4 x 8 gels
G800801		E-Gel™ 48 Agarose Gels, 1%	8 gels
G800802		E-Gel™ 48 Agarose Gels, 2%	8 gels
G800804		E-Gel™ 48 Agarose Gels, 4%	8 gels
G700801		E-Gel™ 96 Agarose Gels, 1%	8 gels
G700802		E-Gel™ 96 Agarose Gels, 2%	8 gels

Ordering Information

분류	Catalog no.	Description	Size
Loading Buffer	10482055	E-Gel™ Sample Loading Buffer, 1X	4 x 1.25 mL
	10488090	E-Gel™ 1 Kb Plus DNA Ladder	100 applications
	10488091	E-Gel™ 1 Kb Plus Express DNA Ladder	100 applications
	10488096	E-Gel™ Ultra Low Range DNA Ladder	100 applications
DNA Ladder	10488099	E-Gel™ 50 bp DNA Ladder	100 applications
	10488100	E-Gel™ Sizing DNA Ladder	100 applications
	12352019	E-Gel™ 96 High Range DNA Marker	100 applications
	12373031	E-Gel™ Low Range Quantitative DNA Ladder	100 applications

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