



WESTERN DETECTION

iBlot 3 Western Blot Transfer System

퍼포먼스와 편리함을 다 갖춘 차세대 단백질 트랜스퍼

The Invitrogen™ iBlot™ 3 Western Blot Transfer System is an essential part of the Invitrogen™ western blotting workflow.

Electrophoresis



Protein gels welcome packs



Invitrogen™ PowerEase™ Touch power supplies

Transfer



iBlot 3 Western Blot Transfer System

Processing



Invitrogen™ iBind™ and iBind™ Flex automated western processing devices



Primary and secondary antibodies

Imaging



Invitrogen™ iBright™ Imaging Systems

Invitrogen™ iBlot™ 3 Western Blot Transfer system은 미리 준비된 소모품으로 최고의 퍼포먼스와 편리함을 자랑하는 차세대 단백질 트랜스퍼 시스템입니다. Invitrogen™ iBlot™ 3 Western Blot Transfer Device는 탁월한 트랜스퍼 효율성을 가지며 실험실의 생산성을 높여주고 일관되고 재현성있는 결과를 나타냅니다.

생산성의 최대화

신뢰할만한 높은 수준의 트랜스퍼는 3분이면 충분합니다. 트랜스퍼 장치를 사용할 때까지 기다리는 시간을 아낄 수 있습니다. - iBlot 3 시스템은 독립적으로 조작할 수 있는 두 개의 트랜스퍼 스테이션이 있어 동시에 4개의 mini gel 또는 2개의 midi gel을 다른 프로그램으로 작동시킬 수 있습니다. 편의성을 높인 인터페이스와 내장된 프로토콜로 사용자의 프로토콜 설정 시간을 단축시킬 수 있습니다.



Figure 1. The all-new design of the iBlot 3 device features two independently controlled transfer stations with programmable cooling.

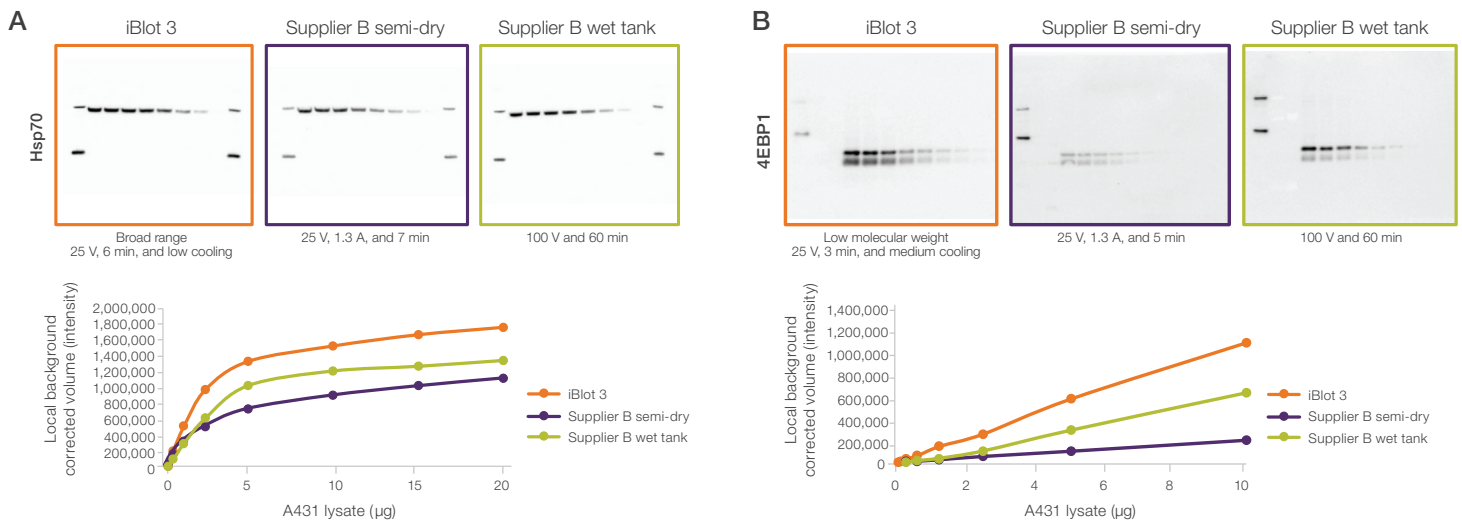


Figure 2. Four mini transfer stacks loaded in the iBlot 3 device.

더 나아진 트랜스퍼 효율

iBlot 3를 사용하면 wet tank 트랜스퍼 또는 다른 빠른 트랜스퍼 방법보다 더 나은 단백질 트랜스퍼 효율을 기대할 수 있습니다.

새롭게 선보이는 독보적인 냉각 기능은 분자량에 관계없이 최적의 단백질 트랜스퍼가 가능하게 합니다.



일관되고 재현성있는 결과

미리 조립된 일회용 소모품과 매우 빠른
트랜스퍼 방식은 변동성을 없애줍니다.

오래된 방식과 비교해 일관적이고 반복적인
결과를 보장하며, 새로운 냉각 기능으로 열
발생을 감소시키고 개선된 트랜스퍼 재현성
을 보여줍니다.

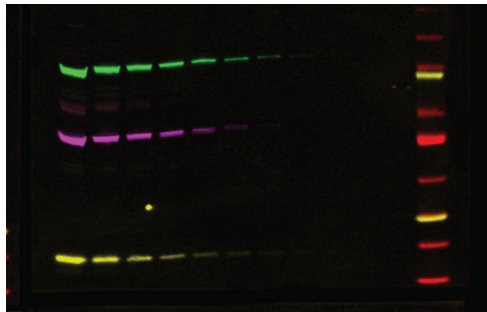


Figure 4. Invitrogen™ iBolt™ 3 Transfer Stacks.
Each box contains 10 stacks (mini or midi format),
10 filter papers, and 10 absorbent pads.

어떻게 작동할까요?

높은 전기장 세기, 전류와 더불어
전극 간의 짧은 거리가 트랜스퍼 시간을
3분으로 줄여줍니다.

Transfer station 1 with two gels



Transfer station 2 with two gels

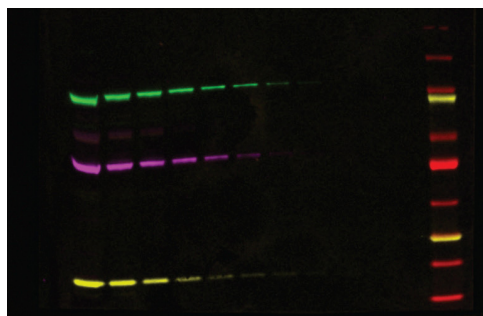
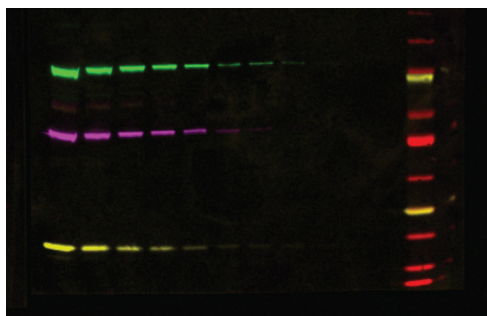
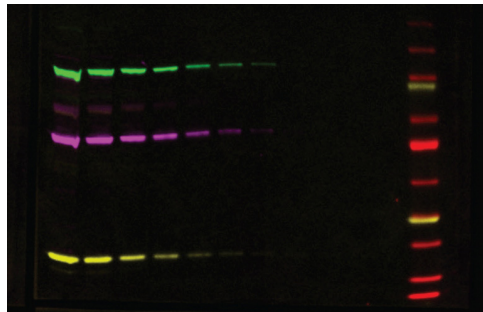


Figure 5. The iBolt 3 device delivers consistent results. A serial dilution of HEK293 lysate (lysed in Thermo Scientific™ RIPA buffer) was loaded onto four Invitrogen™ Bolt™ 4 to 12% Bis-Tris Plus gels. Protein loads were (left to right, in μg): 10, 5, 2.5, 1.25, 0.625, 0.312, 0.156, 0.078, 0.039, 0.020, and 0.010. Invitrogen™ iBright™ Prestained Protein Ladder was loaded into the last lane. MES-SDS running buffer was used for gel electrophoresis. Proteins were transferred using the iBolt 3 Western Blot Transfer Device and iBolt 3 Transfer Stacks, Midi, NC using the broad range (30–250 kDa) preprogrammed transfer method (25 V, 6 min, low cooling). Blots were then blocked with Pierce Clear Milk Blocking Buffer and were then probed using primary antibodies raised against epidermal growth factor receptor (EGFR), calreticulin, and p23 in clear milk for 12 hours. Secondary antibodies Invitrogen™ GAR-Alexa Fluor™ Plus 800 dye, Invitrogen™ GAM-Alexa Fluor™ Plus 488 dye, and Invitrogen™ GACHk-Alexa Fluor™ 546 dye were prepared in TBST and added to the blots for 2 hours. Immunoprocessing was completed on the Bandmate Automated Western Blot Processor. Imaging was completed on the iBright FL1500 Imaging System. Note: GACHk = goat anti-chicken.

Ordering information

Description	Quantity	Cat. No.
iBlot 3 Western Blot Transfer Device	1	IB31001
iBlot 3 Transfer Stacks, Midi, NC	10 stacks	IB33001
iBlot 3 Transfer Stacks, Mini, NC	10 stacks	IB33002
iBlot 3 Transfer Stacks, Midi, PVDF	10 stacks	IB34001
iBlot 3 Transfer Stacks, Mini, PVDF	10 stacks	IB34002
iBlot 3 Starter Kit, NC	1 kit	IB31001S
iBlot 3 Starter Kit, PVDF	1 kit	IB31002S
iBlot 3 IBind/iBind Flex Starter Kit*	1 kit	IB31001SLF1/ IB31001SLF2
Bolt Welcome Pack with iBlot 3 system	1 pack	NW0412AIB3
Starter kit and welcome pack contents		
iBlot 3 Starter Kit, NC		
iBlot 3 Western Blot Transfer Device	1	IB31001
iBlot 3 Transfer Stacks, Midi, NC	2 boxes (20 transfer stacks)	IB33001
iBlot 3 Starter Kit, PVDF		
iBlot 3 Western Blot Transfer Device	1	IB31001
iBlot 3 Transfer Stacks, Midi, PVDF	2 boxes (20 transfer stacks)	IB34001
iBlot 3 IBind Starter Kit		
iBlot 3 Western Blot Transfer Device	1	IB31001
iBlot 3 Transfer Stacks, Midi, NC	1 box (10 transfer stacks)	IB33001
iBind Western Device	1	SLF1000
iBind Cards	1	SLF1010
iBind Solution Kit	1	SLF1020
SuperSignal West Pico Plus Chemiluminescent Substrate	200 mL	34577
Bolt Welcome Pack with iBlot 3 system		
iBlot 3 Western Blot Transfer Device	1	IB31001
iBlot 3 Transfer Stacks, Midi, NC	1 box (10 transfer stacks)	IB33001
Mini Gel Tank	1	A25977
20X Bolt MES SDS Running Buffer	500 mL	B0002
4X Bolt LDS Sample Buffer	10 mL	B0007
10X Bolt Sample Reducing Agent	10 mL	B0009
PageRuler Plus Prestained Protein Ladder, 10–250 kDa	2 x 250 µL	26619
Bolt 4 to 12% Bis-Tris 1.0 mm, Mini Protein Gels	1 box (10 gels)	NW04120BOX

 더 자세한 내용은 thermofisher.com/iblot3 에서 확인하세요.

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