



Changing the face of westerns

Complete, innovative western workflow solutions









WESTERN WORKFLOW SEPARATE >TRANSFER > DETECT

Separate, transfer, detect

Forget your past western frustrations. Now you can improve the quality of your western data while simultaneously reducing your time and effort. For each of the three steps of the western workflow, Life Technologies offers high-performance tools and technologies to make the process quick and easy.

Separate

- Bolt[™] Mini Gel Tank for easy electrophoresis: an innovative side-by-side tank for clear visualization and faster sample loading
- Bolt[™] and NuPAGE[®] Bis-Tris Plus Gels for optimal separation of small- to medium-sized proteins under denaturing conditions. Preserved protein integrity with neutral-pH buffering system

Transfer

- iBlot® 2 Dry Blotting System for self-contained, reproducible, and flexible gel transfer in only 7 minutes: compatible with multiple gel chemistries, membrane types, and gel sizes
- Bolt™ Mini Blot Module for seamless transfer in the Bolt[™] tank: fits inside the Bolt[™] Mini Gel Tank and requires less methanol-based transfer buffer





Detect

- iBind™ Western System for automated western processing: requires no power source or battery. Just load your solutions and allow the sequential lateral flow technology to work for you.
- Secondary antibodies for reproducible western blots: specific, sensitive, reliable, and affordable





Separate

The first step of the western workflow is separation of proteins. Mini precast gels offer convenience, speed, and consistency. The Bolt™ Mini Gel Tank and Bolt™ Bis-Tris Plus gels work together for easy visualization of proteins in a neutral-pH environment.

For a complete listing of all available gels, gel tanks, accessories, and more, visit lifetechnologies.com/separate

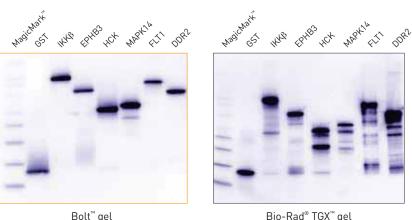
Bolt™ Mini Gel Tank: an innovative side-by-side tank for easy visualization and faster sample loading. Its constant voltage allows Bolt™ Bis-Tris Plus gels to be run in about 35 minutes, with a turbo protocol available to run gels in as little as 22 minutes.

- Easy sample loading—with a forward-facing well configuration
- Less running buffer required—two separate gel chambers, so you only need to load sufficient buffer for each gel
- Simultaneous visualization of both gels—streamlined, side-byside tank configuration
- Simplified monitoring of prestained protein markers—with the white tank stand



Learn more at lifetechnologies.com/bolt

Bolt™ Bis-Tris Plus Gels: precast polyacrylamide gels designed for optimal separation of a broad molecular weight range of proteins under denaturing conditions. The high-capacity, wedge-well design accommodates 2X higher sample volume loads. Bolt™ gels are designed to deliver western performance superior to that of Trisglycine-based gels. With the Novex® neutral-pH formulation and mild sample preparation conditions, protein degradation common to Tris-glycine gels is minimized and protein integrity is preserved.



Bio-Rad[®] TGX[™] qel

A western blot of a Bolt[™] gel shows clean, sharp protein signals corresponding to only full-length proteins, whereas a western blot of a Bio-Rad® TGX™ gel shows multiple low-molecular weight degradation products. Protein kinases implicated in cancer (IKKβ, EPHB3, HCK, MAPK14, FLT1, and DDR2) were analyzed on a Bolt[™] Bis-Tris Plus gel and a Bio-Rad[®] TGX[™] Tris-glycine gel.

Clearly visualize protein separation with pre-stained protein standards

SeeBlue® Plus2 Pre-stained Protein Standard for protein gels with neutral pH and different chemistry types

- Optimized for a neutral-pH environment
- Multiple color bands and easy size estimation
- Compatible with Bolt™ Bis-Tris Plus, NuPAGE® Bis-Tris, Tricine, Tris-acetate, and Tris-glycine gels

HiMark[™] Pre-stained Protein Standard for high molecular weight proteins

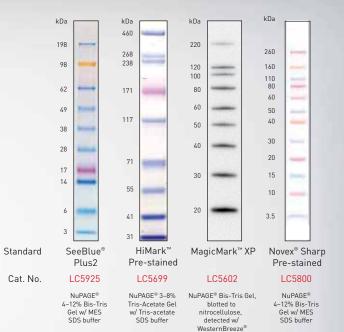
- Comprehensive—9 protein bands in the range of 30-460 kDa
- Convenient—formulation is ready to use
- Compatible with NuPAGE® 3–8% and 7% Tris-acetate gels under denaturing conditions

MagicMark[™] XP Standard

- Nine proteins ranging in mass from 20 to 220 kDa
- Direct visualization of molecular weight standard bands on western blots with the commonly used immunodetection methods

Novex® Sharp Pre-stained Protein Standard using 12 separate colors

- Accurate—sharp bands enable accurate MW estimation
- Clear—each band is pre-stained with a unique color for easy interpretation of results
- Comprehensive—12 proteins in the range of 3.5-260 kDa
- Convenient—formulation is ready to use
- Adaptable—suitable for most gel types, recommended for use with NuPAGE®, Tris-glycine, and Tricine gels



Learn more about protein stains and standards at lifetechnologies.com/proteinstandards

WESTERN WORKFLOW SEPARATE TRANSFER DETECT

Separate

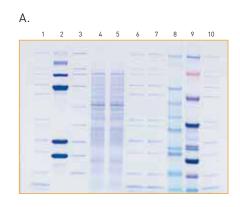
For mini and midi gel electrophoresis, the NuPAGE® SDS-PAGE Gel System is referenced in over 20,000 peer-reviewed articles and includes NuPAGE® Bis-Tris gels for small to mid-size molecular weight proteins, NuPAGE® Tris-acetate gels for high molecular weight proteins, and a complete menu of sample and running buffers.

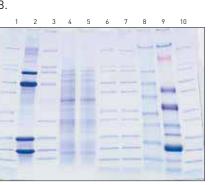
For a complete listing of all available gels, gel tanks, accessories, and more, visit lifetechnologies.com/separate

Learn more about NuPAGE® gels at lifetechnologies.com/proteingels

The NuPAGE® SDS-PAGE Gel System, similar to the Bolt™ system, simulates the denaturing conditions of the traditional Laemmli system (Tris-glycine SDS-PAGE gels) without SDS detergent. NuPAGE® gels use a unique buffer formulation to maintain a low operating pH during electrophoresis, minimizing the "smiles" and poor resolution seen with Tris-glycine SDS-PAGE gels. NuPAGE® Bis-Tris and Tris-acetate gels also offer:

- Superior protein band resolution and stability
- Faster sample run times, at 35–50 minutes
- Long product shelf life—16 months
- More efficient western blot transfer





Protein separation using (A) a Novex® NuPAGE® gel and (B) another manufacturer's traditional Trisglycine gel.

The XCell4 SureLock™ Midi-Cell allows simultaneous vertical electrophoresis of 1–4 midi gels without leaking, enabling consistent performance. It uses proprietary technology to make electrophoresis easier and more reliable than ever, and is designed to dissipate heat effectively and evenly, and enable high-resolution results when using Novex® midi gels.



Learn more at lifetechnologies.com/surelock

PowerEase® 90W Power Supply

The PowerEase® 90W Power Supply is designed specifically for mini gel electrophoresis. The straightforward, intuitive interface makes the powering of DNA and protein gel runs a simple and easy process.

- Constant voltage or current settings
- Built-in timer for walk-away gel electrophoresis
- Output jacks that are compatible with most electrophoresis devices



Precast gels

Precast gels in a wide variety of percentages, gradients, and number of wells, and the most popular chemistries and running buffers, plus pour-your-own accessories.

A wide variety of options are available to fit your protein separation needs:

- Pre-assembled
- Leak-free empty cassettes for pour-your-own flexibility
- The Novex® Tris-Glycine Express Kit for precast convenience with Laemmli chemistry
- Bolt[™] gels with high-volume wedge wells for sensitive western blot analysis
- Legendary NuPAGE® gels for high resolution and long shelf life



Find them all at lifetechnologies.com/proteingels

Transfer

After proteins have been separated by gel electrophoresis, the next step in the western workflow is to immobilize the proteins on a nitrocellulose or PVDF membrane. Life Technologies offers several gel transfer options: wet, semi-dry, and the 7-minute dry transfer.

Find out more about all of the options at lifetechnologies.com/transfer

Run and transfer gels in one tank

The Bolt Mini Blot Module is a wet transfer device for use with the Bolt™ Mini Gel Tank. The tank accommodates one blot module per chamber, or two blot modules total with the side-by-side layout. This affordable, leak-resistant module requires less transfer buffer than other transfer systems, and the constant resistance across the blotting electrodes helps ensure uniform field strength for highly efficient western transfers.

- Unique gasket seal—helps prevent buffer leakage so there is less mess during setup of your western transfer
- 1/2 inch buffer chamber—requires only half the volume of methanol-based transfer buffer
- Standard 60-minute transfer protocol—accelerates your western workflow so you can get results faster



Learn more at lifetechnologies.com/bolt



The iBlot® 2 Dry Blotting System is designed to deliver selfcontained, reproducible, and flexible gel transfer in 7 minutes. No need for buffers or an external power supply, and you don't have to sacrifice efficiency or uniformity.

- Compatible with multiple gel chemistries (Bis-Tris, Tris-glycine, and Tris-acetate) and membrane types (PVDF and nitrocellulose)
- Flexible gel formats: transfer 1 midi or 2 mini gels simultaneously
- Touch screen interface for ease of use

Learn more at lifetechnologies.com/iblot

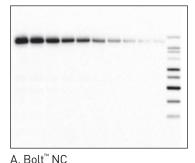
WESTERN WORKFLOW

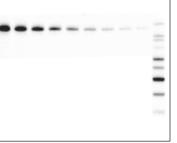
SEPARATE TRANSFER DETECT

The Novex® Reversible Protein Stain is a highly sensitive stain used for determining protein transfer efficiency. Quantitative and completely reversible, this stain is compatible for use with both nitrocellulose and PVDF membranes.

Learn more at lifetechnologies.com/reversiblestain

Membranes processed on the iBlot® 2 Dry Blotting System show consistent transfer across various protein gel chemistries to both nitrocellulose (NC) and PVDF membranes. Total cell extracts from A431 cells were transferred to NC membranes from 4–12% Bolt[™], 4–12% NuPAGE[®], and 4–20% Tris-glycine precast gels (A-C), and also to PVDF membranes from the same types of gels (D-F), using the iBlot® 2 Dry Blotting System.



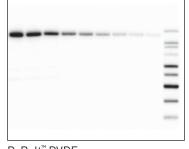


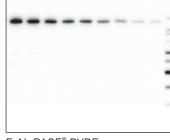


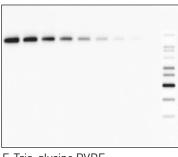
A. Bolt[™] NC

B. NuPAGE® NC

C. Tris-glycine NC







D. Bolt[™] PVDF

E. NuPAGE® PVDF

F. Tris-glycine PVDF

Detect

The last step in the western workflow is detection. In this step, epitope-specific antibodies bind to the protein of interest and, by use of an alkaline phosphatase (AP) or horseradish peroxidase (HRP) tag, allow for visualization of the protein bound to the membrane. Life Technologies offers over 3,500 primary antibodies and over 1,000 secondary antibodies for use in western blot analysis. In addition, the revolutionary iBind™ Western System provides hands-free convenience for primary and secondary antibody binding as well as all wash steps.

Find out more at lifetechnologies.com/detect

Hands-free western blotting

The iBind™ Western System is an automated, hands-free western blotting device that enables more consistent. sensitive, and faster western blots. It employs sequential lateral flow technology, allowing for the timed release of primary and secondary antibodies through mechanical pressure applied from the device to the iBind™ Card. Glass fiber embedded in the iBind[™] Card allows the antibody and wash solutions to flow at a constant rate over the western membrane. and a wick attached to one end of the iBind[™] Card pulls liquid across the card and membrane. Just load your solutions and walk away.

- All antibody binding and washing steps are automated for you
- No electricity or battery required
- Compatible with HRP- and APconjugated antibodies

Get the right antibodies for western detection

The right antibodies are essential for clean, definitive, reproducible western blot results. We offer over 1,000 highly specific and sensitive antibodies to help achieve quality western data. HRP- and AP-conjugated secondary antibodies are available in various degrees of purity to meet all your western analysis needs.

Novex® antibodies are:

- Specific to the target protein or antibody
- Sensitive to give you the level of detection you need
- Reliable to help you get great data every time
- Affordable to help you get the most out of your research dollar



Watch a video demonstration at lifetechnologies.com/ibind

Explore the full catalog at lifetechnologies.com/western-abs

WESTERN WORKFLOW

SEPARATE TRANSFER DETECT

Multicolor western analysis

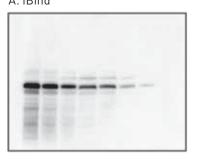
Multicolor western analysis with fluorescent dye or Qdot® nanocrystal conjugates enables the simultaneous evaluation and comparison of multiple proteins on the same blot, even if the proteins co-migrate. Multiplexing also allows easy normalization and requires no blot stripping, or single-blot comparisons, and no additional antibody incubation steps, to help save you time. Alexa Fluor® 680 and 790 along with WesternDot[™] 585, 625, 655, and 800 conjugated secondary antibodies are ideal for fast and accurate multicolor western detection.



Find them all at lifetechnologies.com/westerndot

Western blots processed on the iBind[™] system show superior sensitivity compared to western blots processed manually. Blots were processed either on the iBind™ system or using standard manual western processing protocols as specified by the antibody manufacturer. (A-B) Phosphorylated Akt (left to right: 30 µg-500 ng cell extract load), monoclonal anti-phospho-Akt [Thr308] (C31E5E) primary antibody, HRP-conjugated anti-rabbit secondary antibody. (C-D) CREB (left to right: $30 \mu g - 1 \mu g$ cell lysate load), polyclonal anti-CREB primary antibody, HRP-conjugated anti-rabbit secondary antibody.

Phospho-Akt A. iBind™



B. Manual



CREB C. iBind™



D. Manual



Ordering information

Spearate Batt 'Mini Get Tank 1 nit 84477597 Batt 'Mini Get Tank 1 kit 8447267 Batt' Welcome Pack, 15 well 1 kit 80412A Batt' Welcome Pack, 15 well 1 kit 80412A Batt' Welcome Pack, 15 well 1 kit 80412B Magickark' XP Western Protein Standard 250 µL LC5825 Nowar' Sharp Unstained Protein Standard 2 x25 µL LC5897 Nowar' Sharp Unstained Protein Standard 2 x30 µL LC5897 Bitt' Bis-Tris Plus Procast Gets Waries Multiple Real La Surchack' Midi-Cell 1 each WR0100 NUPAGE* Bis-Tris Precast Gets Varies Multiple NuPAGE* Tiris-Acetate Precast Gets Varies Multiple NuPAGE* Tiris-Acetate Precast Gets Varies Multiple Nuevex* Tiris-Sprice Procast Gets Varies Multiple Nuevex* Tiris-Sprice Precast Gets Varies Multiple Nuevex* Tiris-Sprice Precast Gets Varies Multiple Nuevex* Tiris-Sprice Precast Gets Varies Multiple Butt' Berna	Product	Quantity	Cat. No.
Bolt "Welcome Pack, 10 well 1 kit B0412A Bolt "Welcome Pack, 15 well 1 kit B0412B MagicMark" XP Western Protein Standard 250 µL C5502 SeeBlue" Plus2 Pre-stained Protein Standard 500 µL C5903 Nowax" Sharp Unstained Protein Standard 200 µL C5891 Hilmark" Pre-stained Protein Standard 250 µL C5891 Biblit "Bis-Tris Protein Standard 90 µL C5893 Biblit "Bis-Tris Precast Gels Varies Wiltiple XCEL4 SureLock" Midi-Cell 1 each WR0100 NuPAGE" Bis-Tris Precast Gels Varies Multiple NuPAGE" Firis-Pacetate Precast Gels Varies Multiple NuPAGE" Sis-Tris Precast Gels Varies Multiple NuPAGE" Firis-Pacetate Gels Varies Multiple NuPAGE" Sis-Tris Precast Gels Varies Multiple NuPAGE" Bis-Tris Precast Gels Varies Multiple Nuvex" Tis-Golden Precast Gels Varies Multiple Bolt "All Mandell Chards (Spicial Precast Gels) 1 kit Bolt 22 kit Bolt "Tis Nam	Separate		
Both" Wetcome Pack, 15 well 1 kit B04/28 Magichark" XP Western Protein Standard 250 µL LC5002 See Blue" Plus? Pre-stained Protein Standard 500 µL LC5925 Novex" Sharp Unstained Protein Standard 2 x 250 µL LC5697 Bill" Sis-Tris Plus Precast Gets 250 µL LC5697 Bott" Sis-Tris Plus Precast Gets 4 varies Multiple XCEL4 Sure-Lock" Midi-Cett 4 varies Multiple NuPAGE" Bis-Tris Precast Gets 4 varies Multiple NuPAGE" Sis-Tris-Acetate Precast Gets 4 varies Multiple Novex" Tris-Glycine Precast Gets 4 varies Multiple Novex Properteast Gets 4 varies Multiple Power Ease" 90W Power Supply (15 VAC) 1 kit 8 2000 Separate and transfer 5 kit 8 2000 Separate and transfer Supply 1 kit 8 2000 Bull" "All All Middle Combo 1 kit 8 2000 Bull" "All All Middle Combo 1 device 1 Scott Bull" "All All Middle Combo 1 device 1 Scott Bull" "All All All All A	Bolt [™] Mini Gel Tank	1 unit	B4477599
MagicMark*XP Western Protein Standard 250 µL LC5602 SeeBlue* Plus2 Pre-stained Protein Standard 500 µL LC5725 Novex*Sharp Unstained Protein Standard 2x 250 µL LC5690 HiMark* Pre-stained Protein Standard 250 µL LC5690 Bolt* Bis-Tris Plus Precast Gels Varies Multiple NUPAGE* Bis-Tris Precast Gels Varies Multiple NUPAGE* Tris-Actatate Precast Gels Varies Multiple NuPAGE* Tris-Actate Precast Gels Varies Multiple NuPAGE* Tris-Actate Precast Gels Nultiple Nultiple Nultiple Tris-actate Tris-Actate Precast Gels Multiple Nultiple Bolt* Walcome Pack with iBlots** 2 Dry Bolting System	Bolt™ Welcome Pack, 10 well	1 kit	B0412A
SeeBlue® Plus2 Pre-stained Protein Standard 2 κ 250 μ LC5925 Nowex® Sharp Unstained Protein Standard 2 κ 250 μ LC5691 Bill Mark® Pre-stained Protein Standard 250 μ LC5690 Bill Bill Filles Press Gels Varies Multiple SCell 4 SureLock® Midi-Cell 1 each WR100 NUPAGE® Bis-Tils Precast Gels Varies Multiple NUPAGE® Tris-Acetate Precast Gels Varies Multiple Nowex® Tris-Byone Pacest Gels Varies Multiple Nowex® Tris-Acetate Precast Gels Varies Multiple Nowex® Pace Supply (115 VAC) 1 kit B00700 Separate and transfer Very Supply (115 VAC) 1 kit B012 Male Bolt* Pack whith iBlot® 2 Dry Blotting System 1 kit B012 Male Bolt* Pack whith iBlot® 2 Dry Blotting System 1 kit B1001 Bolt* Pack Semi-Dry Blotter 1 kit B	Bolt [™] Welcome Pack, 15 well	1 kit	B0412B
Novex* Sharp Unstained Protein Standard 2 x 25 μ LC5691 HiMark* Pre-stained Protein Standard 250 μ LC5699 Bolt* Sis-Tris Plus Precast Gels Waries Multiple XCell 4 SureLock* Midi-Cell 1 each W8010 NuPAGE* Bis-Tris Precast Gels Varies Multiple NuPAGE* Tris-Acetate Precast Gels Varies Multiple NuPAGE* Sis-Tris Precast Gels Varies Multiple NuPAGE* Sis-Tris-Acetate Precast Gels 1 kit B0000 Bott* Midiate Module 1 kit B0000 Bott* Yell Charles 1 kit B1001 Novex* Seeri-Dry Blotter 1 kit B1000 Novex* Seeri-Dry Blotter 1 kit B1000 Sillet* 2 Transfer Stacks, Nitrocell	MagicMark [™] XP Western Protein Standard	250 μL	LC5602
Himark* Pre-stained Protein Standard 250 μL LC5699 Bott* Bis-Tris Plus Precast Gels Varies Multiple XCell& SureLock* Midi-Celt 1 each WR0100 NuPAGE* Bis-Tris Precast Gels Varies Multiple NuPAGE* Tris-Acetate Precast Gels Varies Multiple Novex* Tris-Glycine Precast Gels Varies Multiple PowerEase* 90W Power Supply [115 VAC) 1 each P50090 Separate and transfer 1 kit 80412AB2 Bolt* Welcome Pack with iBlot* 2 Dry Blotting System 1 kit 80412AB2 Bolt* Tank and Bto Module Combo 1 device 1821001 Bolt* Mini Blot Module 1 unit 81000 Bott* Mini Blot Module 1 unit 81000 Novex* Seemi-Dry Blotter 1 each 90100 Novex* Seemi-Dry Blotter 1 sit 18710 Blot* 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks 182002 Blot* 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks 182002 Blot* 2 Transfer Stacks, PVDF, Regular 10 stacks 182002 Blot* 2	SeeBlue® Plus2 Pre-stained Protein Standard	500 μL	LC5925
Bott" Bis-Tris Plus Precast Gels Varies Multiple XCell4 SureLock" Midi-Celt 1 each WR0100 NuPAGE" Bis-Tris Precast Gels Varies Multiple NuPAGE" Tris-Acetate Precast Gels Varies Multiple NuPAGE" Tris-Glycine Precast Gels Varies Multiple Power Ease" 90W Power Supply [115 VAC] 1 each P50090 Separate and transfer Bolt" Melcome Pack with iBlot" 2 Dry Blotting System 1 kit 8012ABB2 Bolt" Tank and Blot Module Combo 1 kit 82000 Transfer Device 1 device B1001 Bolt" Mini Blot Module 1 unit 81000 Bott" Mini Blot Module 1 unit 81000 Novex" Semi-Dry Blotter 1 each 501000 Novex" Semi-Dry Blotter 1 each 10100 Novex" Eversible Protein Stain 10 stacks 182300 Blot" 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks 182300 iBlot" 2 Transfer Stacks, PVDF, Regular 10 stacks 182000 iBlot" 2 Transfer Stacks, PVDF, Regular 1 kit	Novex® Sharp Unstained Protein Standard	2 x 250 μL	LC5801
XCell4 SureLock* Midi-Cell 1 each WR0100 NuPAGE* Bis-Tris Precast Gels Varies Multiple NuPAGE* Tris-Acetate Precast Gels Varies Multiple Novex* Tris-Glycine Precast Gels Varies Multiple Power Ease* 90W Power Supply [115 VAC] 1 each Posono Separate and transfer Varies Multiple Bolt* Welcome Pack with iBlot* 2 Dry Blotting System 1 kit B0412AB2 Bott* Trank and Blot Module Combo 1 kit B2000 Transfer Bolt* Mini Blot Module 1 device IB21001 Bolt* Mini Blot Module 1 unit B1000 Novex* Semi-Dry Blotter 1 each SD1000 Novex* Reversible Protein Stain 1 kit IB7710 iBlot* 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks IB23001 iBlot* 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB24001 iBlot* 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 iBlot* 2 Transfer Stacks, PVDF, Mini 1 kit SLF1000 blot* 2 Transfer Stacks, PVDF, Mini 1	HiMark [™] Pre-stained Protein Standard	250 μL	LC5699
NURAGE® Bis-Tris Precast Gels Varies Multiple NUPAGE® Tris-Acetate Precast Gels Varies Multiple Novex® Tris-Glycine Precast Gels Varies Multiple PowerEase® 90W Power Supply (115 VAC) 1 each P50000 Separate and transfer 1 kit B0412AIB2 Bolt "Valcome Pack with iBlot® 2 Dry Blotting System 1 kit B042AIB2 Bolt "Tank and Blot Module Combo 1 kit B000 Tensfer Bill "Blot Module 1 device B12001 Bott "Mini Blot Module 1 unit B1000 Novex® Semi-Dry Blotter 1 each S01000 Novex® Reversible Protein Stain 1 bit B12001 Billot® 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks B23001 Bilot® 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks B24002 Bilot® 2 Transfer Stacks, PVDF, Regular 10 stacks B24002 Bilot® 2 Transfer Stacks, PVDF, Mini 10 stacks B24002 Bilot® 2 Transfer Stacks, PVDF, Mini 1 device 1 device B24002 Bilot® 2 Transfer Stacks,	Bolt [™] Bis-Tris Plus Precast Gels	Varies	Multiple
NuPAGE® Tris-Acetate Precast Gels Varies Multiple Novex® Tris-Glycine Precast Gels Varies Multiple PowerEase® 90W Power Supply (115 VAC) 1 each P50090 Separate and transfer Varies B0412 AIBC Bott® Welcome Pack with iBlot® 2 Dry Blotting System 1 kit B0422 AIBC Bott® Tank and Blot Module Combo 1 device B2000 Transfer Bott® Aim iBlot Module 1 unit B1000 Bott® Mini Blot Module 1 unit B1000 Novex® Semi-Dry Blotter 1 unit B1000 Novex® Reversible Protein Stain 1 kit B7710 iBlot® 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks IB23001 iBlot® 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB24001 iBlot® 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 iBlot® 2 Transfer Stacks, PVDF, Mini 5 LF1000S LF1000S Detect 1 kit SLF100S LF100C Binind® Western Starter Kit 1 device SLF100C LF100C Binind® Cards	XCell4 SureLock [™] Midi-Cell	1 each	WR0100
Novex® Tris-Glycine Precast Gels Varies Multiple PowerEase® 90W Power Supply (115 VAC) 1 each P50090 Separate and transfer "I kit B0412AIB2 Bott® Welcome Pack with iBlot® 2 Dry Blotting System 1 kit B042AIB2 Bott® Tank and Blot Module Combo 1 kit B2000 Transfer Bott® Mini Blot Module 1 unit B1000 Bott® Mini Blot Module 1 unit B1000 Novex® Semi-Dry Blotter 1 each 51000 Novex® Reversible Protein Stain 1 kit 18710 iBlot® 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks 1823001 iBlot® 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks 1824001 iBlot® 2 Transfer Stacks, PVDF, Regular 10 stacks 1824001 iBlot® 2 Transfer Stacks, PVDF, Mini 10 stacks 1824001 iBind® Western Starter Kit 1 kit 5 LF1000S iBind® Western Starter Kit 1 device 5 LF1000 iBind® Cards 1 kit 5 LF1010 iBind® Solution Kit 1 kit 5 LF1020	NuPAGE® Bis-Tris Precast Gels	Varies	Multiple
PowerEase* 90W Power Supply (115 VAC) 1 each P50090 Separate and transfer V Bolt* Welcome Pack with iBlot* 2 Dry Blotting System 1 kit 80412AIB2 Bolt* Tank and Blot Module Combo 1 kit 82000 Transfer Bolt* All Min Blot Module 1 device IB21001 Bot* Mini Blot Module 1 unit 81000 Novex* Semi-Dry Blotter 1 each 501000 Novex* Reversible Protein Stain 1 kit IB7710 Blot* 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks 1823001 Blot* 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks 1824002 Detect Biblot* 2 Transfer Stacks, PVDF, Regular 10 stacks 1824002 Detect Biblot* 2 Transfer Stacks, PVDF, Mini 1 kit 5 LF1000S Billind* Western Starter Kit 1 kit 5 LF1000S Billind* Cards 1 kit 5 LF1000 Billind* Solution Kit 1 kit 5 LF1020 Primary antibodies 0 ver 3,500 varies	NuPAGE® Tris-Acetate Precast Gels	Varies	Multiple
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Bolt" Tank and Blot Module Combo 1 kit B2000 Transfer 1 device IB21001 Bolt" Mini Blot Module 1 unit B1000 Novex* Semi-Dry Blotter 1 each SD1000 Novex* Reversible Protein Stain 1 kit IB7710 Blot* 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks IB23001 Blot* 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB24001 Blot* 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 Blot* 2 Transfer Stacks, PVDF, Regular 10 stacks IB24002 Detect User SLF1000S Billof" Western Starter Kit 1 kit SLF1000S Billof" Cards 10 cards SLF1000 Billof" Solution Kit 1 kit SLF1002 Primary antibodies Over 3,500 Varies	Separate and transfer		
Transfer iBlot* 2 Gel Transfer Device 1 device IB21001 Bolt* Mini Blot Module 1 unit B1000 Novex* Semi-Dry Blotter 1 each SD1000 Novex* Reversible Protein Stain 1 kit IB7710 iBlot* 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks IB23001 iBlot* 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB23002 iBlot* 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 iBlot* 2 Transfer Stacks, PVDF, Mini 10 stacks IB24002 Detect iBind* Western Starter Kit 1 kit SLF1000S iBind* Western Device 1 device SLF1000 iBind* Cards 10 cards SLF1010 iBind* Solution Kit 1 kit SLF1020 Primary antibodies Over 3,500 Varies	Bolt [™] Welcome Pack with iBlot [®] 2 Dry Blotting System	1 kit	B0412AIB2
iBlot® 2 Gel Transfer Device 10 device 10 1 unit 10 10 10 10 10 10 10 10 10 10 10 10 10	Bolt [™] Tank and Blot Module Combo	1 kit	B2000
Bolt Mini Blot Module 1 unit B1000 Novex Semi-Dry Blotter 1 each SD1000 Novex Reversible Protein Stain 1 kit B7710 iBlot 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks B23001 iBlot 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks B23002 iBlot 2 Transfer Stacks, PVDF, Regular 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Regular 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Mini 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Mini 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Mini 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Mini 10 stacks B24001 iBlot 2 Transfer Stacks, PVDF, Mini 10 stacks B24001 iBlot 3 Transfer Stacks, PVDF, Mini 10 stacks B	Transfer		
Novex® Semi-Dry Blotter 1 each SD1000 Novex® Reversible Protein Stain 1 kit IB7710 iBlot® 2 Transfer Stacks, Nitrocellulose, Regular 10 stacks IB23001 iBlot® 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB23002 iBlot® 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 iBlot® 2 Transfer Stacks, PVDF, Mini 10 stacks IB24001 iBlot® 2 Transfer Stacks, PVDF, Mini 10 stacks IB24002 Detect iBind® Western Starter Kit 1 kit SLF1000S iBind® Western Device 10 cards SLF1000 iBind® Cards 10 cards SLF1010 iBind® Solution Kit SLF1020 Primary antibodies 0ver 3,500 Varies	iBlot® 2 Gel Transfer Device	1 device	IB21001
Novex® Reversible Protein Stain1 kitIB7710iBlot® 2 Transfer Stacks, Nitrocellulose, Regular10 stacksIB23001iBlot® 2 Transfer Stacks, Nitrocellulose, Mini10 stacksIB23002iBlot® 2 Transfer Stacks, PVDF, Regular10 stacksIB24001iBlot® 2 Transfer Stacks, PVDF, Mini10 stacksIB24002DetectiBind™ Western Starter Kit1 kitSLF1000SiBind™ Western Device1 deviceSLF1000iBind™ Cards10 cardsSLF1010iBind™ Solution Kit1 kitSLF1020Primary antibodies0 ver 3,500Varies	Bolt [™] Mini Blot Module	1 unit	B1000
iBlot® 2 Transfer Stacks, Nitrocellulose, Regular iBlot® 2 Transfer Stacks, Nitrocellulose, Mini iBlot® 2 Transfer Stacks, Nitrocellulose, Mini iBlot® 2 Transfer Stacks, PVDF, Regular iBlot® 2 Transfer Stacks, PVDF, Regular iBlot® 2 Transfer Stacks, PVDF, Mini iBlot® 2 Transfer Stacks, PVDF, Regular iB	Novex® Semi-Dry Blotter	1 each	SD1000
iBlot® 2 Transfer Stacks, Nitrocellulose, Mini 10 stacks IB23002 iBlot® 2 Transfer Stacks, PVDF, Regular 10 stacks IB24001 iBlot® 2 Transfer Stacks, PVDF, Mini 10 stacks IB24002 Detect iBind™ Western Starter Kit 1 kit SLF1000S iBind™ Cards 10 cards SLF1010 iBind™ Solution Kit 1 kit SLF1020 Primary antibodies 0 over 3,500 Varies	Novex® Reversible Protein Stain	1 kit	IB7710
iBlot® 2 Transfer Stacks, PVDF, Regular iBlot® 2 Transfer Stacks, PVDF, Mini Detect iBind™ Western Starter Kit iBind™ Western Device iBind™ Cards iBind™ Cards iBind™ Solution Kit Primary antibodies 10 stacks IB24002 1 kit SLF1000S 1 kit SLF1000S 1 kit SLF10100 1 kit SLF1020 Varies	iBlot® 2 Transfer Stacks, Nitrocellulose, Regular	10 stacks	IB23001
iBlot® 2 Transfer Stacks, PVDF, Mini Detect iBind™ Western Starter Kit iBind™ Western Device iBind™ Cards iBind™ Solution Kit Primary antibodies 10 stacks IB24002 I	iBlot® 2 Transfer Stacks, Nitrocellulose, Mini	10 stacks	IB23002
DetectiBind™ Western Starter Kit1 kitSLF1000SiBind™ Western Device1 deviceSLF1000iBind™ Cards10 cardsSLF1010iBind™ Solution Kit1 kitSLF1020Primary antibodiesOver 3,500Varies	iBlot® 2 Transfer Stacks, PVDF, Regular	10 stacks	IB24001
iBind™ Western Starter Kit 1 kit SLF1000S iBind™ Western Device 1 device SLF1000 iBind™ Cards 10 cards 5LF1010 iBind™ Solution Kit 1 kit SLF1020 Primary antibodies 0 over 3,500 Varies	iBlot® 2 Transfer Stacks, PVDF, Mini	10 stacks	IB24002
iBind™Western Device 1 device SLF1000 iBind™Cards 10 cards SLF1010 iBind™Solution Kit 1 kit SLF1020 Primary antibodies 0 over 3,500 Varies	Detect		
iBind™ Cards 10 cards SLF1010 iBind™ Solution Kit 1 kit SLF1020 Primary antibodies 0ver 3,500 Varies	iBind™ Western Starter Kit	1 kit	SLF1000S
iBind™ Solution Kit 1 kit SLF1020 Primary antibodies 0ver 3,500 Varies	iBind [™] Western Device	1 device	SLF1000
Primary antibodies Over 3,500 Varies	iBind [™] Cards	10 cards	SLF1010
	iBind™ Solution Kit	1 kit	SLF1020
Secondary antibodies for western blot analysis Over 1,000 Varies	Primary antibodies	Over 3,500	Varies
	Secondary antibodies for western blot analysis	Over 1,000	Varies

Customer testimonials

Bolt[™] tank

"Finally, Bolt came along and the need for good quality western blots for publication has never been higher, our lab head finally saw the light."

"The Bolt system has clear advantages when it comes to ease of well-loading, the speed with which the gel finishes its runs, the amount of buffer needed (less than our other system), and most importantly, the Bolt system consistently produces high-quality bands."

Secondary antibodies

"The secondary antibody did a great job on our western blot."

"Great antibody with very little if any nonspecific binding."

iBlot® system

"The iBlot has been a great addition to the lab. It is very easy to use, transfers very quickly, and is mess-free with its no-buffer system."

"I remember the days when it took hours to do a western blot. Now with the iBlot, it takes only 7 minutes! You save a ton of time sitting around; instead, you can get on with your experiments/results in less than 10 minutes."

iBind[™] western system

"It's been years since I've seen something so clever. Wow, it could make my life easier."

"Students love the iBind because of how easy it is to use. I like it because it doesn't require much training and allows them to use fewer consumables."



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