

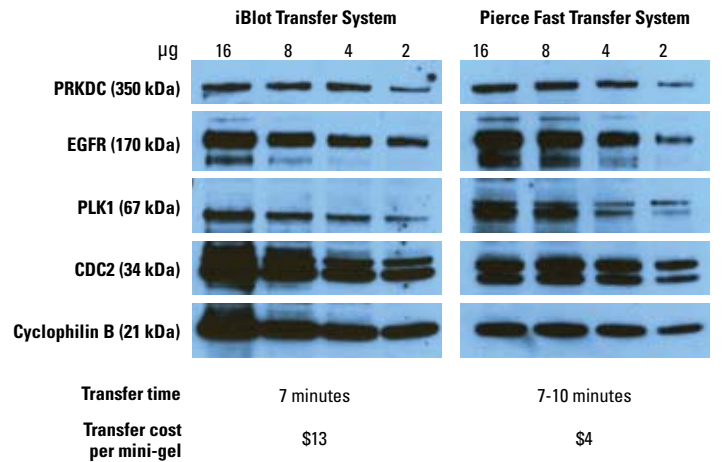
Thermo Scientific Pierce Fast Transfer System

Protein transfer in 10 minutes!

The new Thermo Scientific Pierce Fast Transfer System reduces protein transfer time from SDS-PAGE to a membrane from 45 minutes to only 10 minutes. The system consists of two parts, the Pierce® Fast Semi-Dry Transfer Buffer and the Pierce Fast Semi-Dry Blotter. Use our cost-effective Transfer System and eliminate the need to invest in – and dispose of – iBlot® transfer stack consumables.

	Pierce Fast Transfer System	iBlot Transfer System	Conventional Transfer System
Time	7-10 minutes	7 minutes	1 hour to overnight
Cost per transfer	\$4	\$13	\$11
Consumables	No	Yes, transfer stacks	No
Environmentally friendly	Yes, methanol not required, no disposal of consumables	No, requires disposal of iBlot transfer stack consumables, including packaging, sponge and copper	No, requires addition of methanol
Throughput	Up to 4 gels per run	Up to 2 gels per run	Up to 2 gels per run

Pierce Fast Semi-Dry Transfer Buffer	Pierce Fast Semi-Dry Blotter
<ul style="list-style-type: none"> • Optimized – formulated for accelerated transfer • Non-hazardous – no methanol required, eliminating hazardous disposal • Compatible – use with all major SDS-PAGE gels (Tris-HEPES, Tris-Glycine, Bis-Tris and Tris-HCl) • Flexible – use with any semi-dry transfer unit; use with nitrocellulose or PVDF membranes • Easy to use – simply dilute the 10X concentrated formula in ultrapure water 	<ul style="list-style-type: none"> • Fast – transfer protein from gel to membrane in 7-10 minutes • Sensitive – same transfer efficiency as other semi-dry transfer units or traditional wet-transfer units • Economical – no consumables needed • Robust – transfer up to 4 gels at one time • Versatile – use homemade or pre-cast gels



Transfer efficiency of the Thermo Scientific Pierce Fast Transfer System is comparable to existing methods. A549 whole cell lysates were prepared for SDS-PAGE and loaded onto a NuPAGE® 4-12% Bis-Tris Gel (1.0 mm x 10 well) using the following protein amounts: 16 µg, 8 µg, 4 µg and 2 µg. After electrophoresis, gels were transferred to nitrocellulose membrane using either Pierce Fast Semi-Dry Transfer System or the iBlot Dry Blotting System. Resulting membranes were probed for PRKDC, EGFR, PLK1, CDC2 and Cyclophilin B using the Pierce Fast Western Blotting Kit.



Special Offer – Free Buffer!

Purchase a Pierce Fast Semi-Dry Blotter (Product # PI-88217) before Dec. 31, 2009, and receive a free 500 ml bottle of the Pierce Fast Semi-Dry Transfer Buffer, 10X (Product # PI-35035) – a \$50 value!

Offer valid for US customers only. Offer expires Dec. 31, 2009. Void where prohibited by institutional policy or law.

To Redeem:

If buying through a US distributor, purchase Product # PI-88217 through the distributor and then please retain these instructions.

1. Order Product # PI-88217 before Dec. 31, 2009.
2. Receive your order. Hold on to the paperwork, especially the packing slip.
3. Visit www.thermo.com/pierceoffer. Provide your shipping address and contact information. Submit information from the packing slip that accompanied your qualified order.
4. Allow ~3 weeks after completing the online form to receive your free buffer.
5. Offer valid only in the US. Limit one buffer per order. Redeem by Jan. 31, 2010. If you can't access www.thermo.com/pierceoffer, contact our customer service team at 800-874-3723 and request a faxback form for the free Buffer Offer.

Special Offer – Free Technical Handbooks!



Electrophoresis Technical Handbook

This 44-page reference guide provides information to improve the speed, convenience and sensitivity of your protein gel electrophoresis and staining applications. The handbook covers all aspects of electrophoresis – from sample and gel preparation to choice of molecular weight markers. In addition, it contains an extensive section on protein gel-staining techniques and products. BN1114081



The Western Blotting Handbook and Troubleshooting Guide

A 75-page guide that details each step of the Western blotting process with technical information and products for transfer, blocking, washing, antibodies, substrates, film and stripping buffer. You will want to keep this guide close at hand because it also includes protocols, references and a troubleshooting guide. BN0128081

To download a copy or view a pdf online of any of the handbooks listed, visit www.thermo.com/pierce. To request a printed copy, visit the same website or contact your local office or distributor.

Ordering Information

Product #	Description	Pkg. Size
PI-35035	Pierce Fast Semi-Dry Transfer Buffer, 10X <i>Sufficient for 50 mini-gel transfers</i>	500 ml
PI-88217	Pierce Fast Semi-Dry Blotter	1 ea.
Complementary Products		
Assorted	Precise Protein Gels <i>Visit www.thermo.com/pierce for the complete list</i>	10 gels
PI-77012	Nitrocellulose Membrane <i>8 x 12 cm, 0.2 µm</i>	25/pkg.
PI-88013	Nitrocellulose Membrane <i>7.9 x 10.5 cm, 0.2 µm</i>	15/pkg.
PI-88024	Nitrocellulose Membrane <i>8 x 8 cm, 0.2 µm</i>	15/pkg.
PI-88018	Nitrocellulose Membrane <i>30 cm x 3.5 m, 0.45 µm</i>	1 roll
PI-88014	Nitrocellulose Membrane <i>7.9 x 10.5 cm, 0.45 µm</i>	15/pkg.
PI-88025	Nitrocellulose Membrane <i>8 x 8 cm, 0.45 µm</i>	15/pkg.
PI-88518	PVDF Transfer Membrane <i>26.5 cm, x 3.75 m; 0.45 µm</i>	1 roll
PI-88585	PVDF Transfer Membranes <i>10 x 10 cm; 0.45 µm</i>	10 sheets
PI-34090	CL-XPosure Film <i>5 x 7 in (13 x 18 cm)</i>	100/pkg.
PI-34092	CL-XPosure Film <i>5 x 7 in (13 x 18 cm)</i>	25/pkg.
PI-34089	CL-XPosure Film <i>7 x 9.5 in (18 x 24 cm)</i>	100/pkg.
PI-34091	CL-XPosure Film <i>8 x 10 in (20 x 25 cm)</i>	100/pkg.
PI-34093	CL-XPosure Film <i>8 x 10 in (20 x 25 cm)</i>	50/pkg.
PI-34097	CL-XPosure Film <i>9.5 x 11.8 in (24 x 30 cm)</i>	100/pkg.
PI-34099	CL-XPosure Film <i>14 x 17 in (35 x 43 cm)</i>	100/pkg.

Pierce Protein Research Products
Tel: 815-968-0747 or 800-874-3723 Fax: 815-968-7316
Customer Assistance E-mail: Pierce.CS@thermofisher.com www.thermo.com

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