



BioSpectrum® Imaging System for Chemiluminescent Western Blots

BioSpectrum Imaging System combines high sensitivity, cooled CCD camera and light tight darkroom for optimum chemiluminescent imaging. Rockland substrates enable researchers to capture superior images compared to film.

UVP, Rockland and VWR are partnering to bring researchers tools for superior chemiluminescent western blot imaging. UVP's BioSpectrum Imaging System features a high sensitivity cooled CCD camera and light tight darkroom -- optimum imaging instruments for Western Blot chemiluminescent imaging. The Rockland antibodies are stringently quality-controlled and ideal for generating excellent Western blots.

Using the BioSpectrum Imaging System along with Rockland Immunochemical's FemtoMax substrate and antibodies enables researchers to capture images with very low background, high dynamic range, fast exposure times and high signal intensity. Substrate is much faster and has a higher dynamic range than film which has a 1.5 optical density (OD) compared to 4 OD for the substrate.

The BioSpectrum Imaging Systems feature:

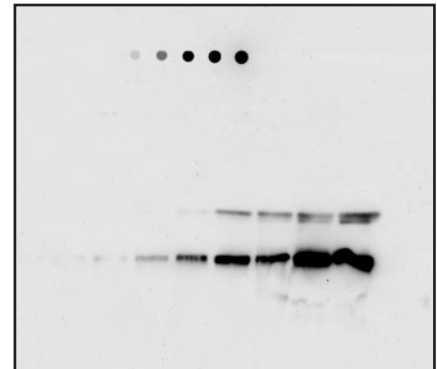
- Selection of high resolution, cooled CCD cameras
- Automated software controls and templates
- Light tight darkroom for optimum imaging conditions
- Multiple emission filters
- Epi and transillumination UV and white light
- Chemi tray on adjustable height platform
- VisionWorks®LS Analysis Software for image acquisition, enhancement and extensive analysis capabilities including area density



**BioSpectrum
Imaging System**

Special Offer!

BioSpectrum Ordering Info	VWR Cat. No.
BioSpectrum 410 (Chemi 410 camera: 16 bit, 2.0 megapixels, 1600 x 1200 resolution and -28°C cooling; LM-26 2UV Transilluminator)	MP95037-738
BioSpectrum 500 (BioChemi 500 camera: 16 bit, 4.2 megapixels, 2048 x 2048 resolution, -28°C cooling; LM-26 2UV Transilluminator)	MP82026-848
BioSpectrum 600 (OptiChemi 600 camera: 16 bit, 3.2 megapixels, 2184 x 1472 resolution, -60°C cooling; LM-26 2UV Transilluminator)	MP95025-350



Western Blot Image.

This blot was imaged for 60 seconds at 2x2 bin. A series of images were captured at regular intervals. The blot was imaged with the Glowell standard (with 5 constantly emitting lights in various known intensities) with the blot to assure quantitative accuracy.

Special Offer! Free Antibody Starter Package!

Purchase a BioSpectrum Imaging System through VWR International and receive a **FREE Rockland Immunochemicals Antibody Starter Package #Z200**. The pack combines:

- Anti-FLAG (Rabbit) 250 ug
- Peroxidase Conjugated Anti-GOAT IgG (H&L) (RABBIT) 2 mg
- Peroxidase Conjugated Anti-MOUSE IgG (H&L) (GOAT) 0.5 mg
- Peroxidase Conjugated Anti-RABBIT IgG (H&L) (GOAT) 0.5 mg
- FemtoMax Chemiluminescent HRP Super Sensitive Substrate 20 ml
- Goat Serum Blocking Grade 1 ml

Value: \$530.00 **Territory:** N. America **Offer Expires:** 12/31/09

Allow six to eight weeks for delivery of free product.

Contact VWR for additional information.





Other Rockland Immunochemicals

Rockland Immunochemicals produces an extensive range of Antibodies and Antibody based tools for Cell Signaling Reserach. Primary antibodies include Apoptosis, Akt Pathway, Cell Biology, Neuroscience, Pathology and Stem Cell research.

Secondary Antibodies for Detection

Rockland #	Description	Size
Anti-Chicken IgG (H&L) [Rabbit]		
RL603-4302	Peroxidase	1.5 mg
RL603-4502	Alkaline Phosphatase	1.0 mg

Anti-Goat IgG (H&L) [Rabbit]

RL605-4302	Peroxidase	2.0 mg
RL605-4502	Alkaline Phosphatase	1.0 mg

Anti-Mouse IgG (H&L) [Rabbit]

RL610-4302	Peroxidase	2.0 mg
RL610-4502	Alkaline Phosphatase	1.0 mg

Anti-Mouse IgG (H&L) [Goat]

RL610-103-121	Peroxidase	1.0 mg
RL610-105-121	Alkaline Phosphatase	1.0 mg

Anti-Rabbit IgG (H&L) [Goat]

RL611-1302	Peroxidase	2.0 mg
RL611-1502	Alkaline Phosphatase	1.0 mg

Anti-Rabbit IgG (H&L) [Donkey]

RL611-703-127	Peroxidase	1.0 mg
RL611-705-127	Alkaline Phosphatase	1.0 mg

Anti-Sheep IgG (H&L) [Rabbit]

RL613-4302	Peroxidase	2.0 mg
RL613-4502	Alkaline Phosphatase	1.0 mg

Loading Controls & MW Markers

RL-600-401-800	Anti-alpha-Tubulin (Rb)	200 ug
RL600-401-886	Anti-beta-Actin (Rb)	200 ug
RL600-401-A33	Anti-GAPDH (Rb)	100 ug
RLMB-201-1000	Protein Molecular Weight Marker (14 - 120kDa)	1000 ul

Chemiluminescent Substrates

Rockland #	Description	Size
RLFEMTOMAX-110	Super Sensitive Chemiluminescent HRP Substrate for Western Blotting	110ml

Blocking Reagents

RLBSA50	Bovine Serum Albumin	50 g
RLB501-0500	BLOTTO Immunoanalytical Grade	500 g
RLB304	Goat Serum (Blocking Grade)	10 ml
RLB309	Rabbit Serum (Blocking Grade)	10 ml

Cell Signaling Antibodies

RL200-301-400	Anti-ATM Protein Kinase pS1981 (Ms)	100 ug
RL100-401-401	Anti-AKT Pan Reactive (Rb)	100 ul
RL600-401-268	Anti-AKT pS473 (Rb)	100 ug
RL600-401-270	Anti-CREB pS133 (Rb)	100 ul
RL100-401-153	Anti-Cyclin D1 (Rb)	100 ul
RL600-401-494	Anti-DNA PKcs pT 2609 (Rb)	100 ug
RL200-301-243	Anti-HSP 27 (Rb)	100 ug
RL100-4165	Anti-NFKB p65 (Rel A) [Rb]	100 ul
RL100-401-407	Anti-NOTCH 1 (Rb)	100 ul
RL100-401-404	Anti-Osteopontin (Rb)	200 ul
RL200-301-171	Anti-p21 / WAF1 (Rb)	100 ug
RL600-401-964	Anti-Pcd4 pS457 (Rb)	100 ug
RL600-401-475	Anti-SFRP1 Human (Rb)	100 ug
RL600-401-919	Anti-Smad3 pS423 pS425 (Rb)	100 ug
RL200-401-428	Anti-SUMO (Yeast) [Rb]	500 ug
RL600-401-252	Anti-hTERT (Rb)	100 ug
RL600-401-A37	Anti-Wnt1 (Rb)	100 ug

Epitope Tag & Fusion Protein Antibodies

RL600-401-383	Anti-FLAG (Rb)	250 ug
RL600-401-382	Anti-6X HIS (Rb)	100 ug
RL600-401-381	Anti-Myc (Rb)	100 ug
RL600-401-384	Anti-HA (Rb)	100 ug
RL200-4136-10	Anti-Beta Galactosidase (Rb)	10 mg
RL600-101-200	Anti-GST (Gt)	1 mg
RL600-401-215	Anti-GFP (Rb)	100 ug
RL600-301-215	Anti-GFP (Ms)	1 mg
RL600-101-098	Anti-Biotin (Gt)	1 mg
RL600-101-096	Anti-Fluorescein (Gt)	1 mg



**For information or to place an order,
contact VWR at 1-800-932-5000
or go to www.VWR.com**

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