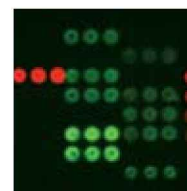
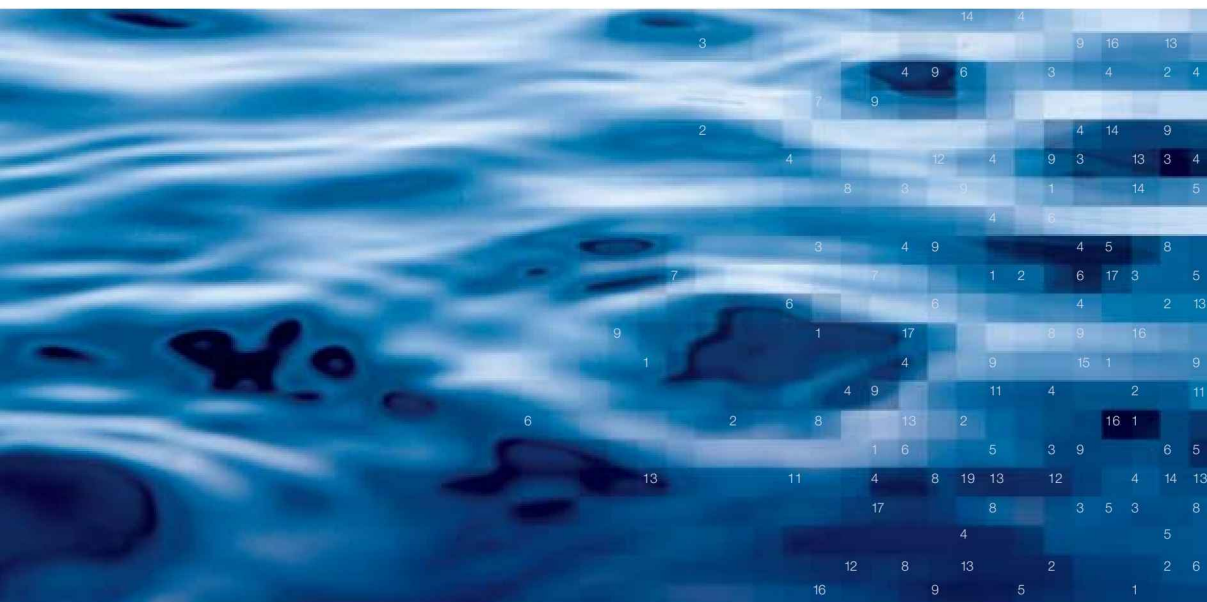


Imaging



Clear Advantages
in High-Resolution
Multiplex Images

Molecular Imager® **VersaDoc™** MP 4000 System



BIO-RAD

The Molecular Imager VersaDoc MP 4000 system — with red, green, and blue excitation, and 3.2 million pixels — offers clear advantages in high-resolution multiplex imaging.

The differences are striking. Multiple illumination and detection modes provide exceptional application versatility. Detect Flamingo™ fluorescent and SYPRO Ruby protein gel stains, Immun-Star™ enzyme-conjugated antibodies, quantum dots, ECL reagents, Cy, Pro-Q, and SYBR dyes, and many more. The multi-megapixel resolution of the VersaDoc MP 4000 system enables you to visualize samples that most imagers cannot resolve.

You can also combine pixels for greater sensitivity, and optimize lens and illumination characteristics for image uniformity and accurate quantitation. All this, along with outstanding ease of use and a clear upgrade path, make the VersaDoc MP 4000 system a definite standout.

Illumination Modes

- Red, green, blue, and white epi-illumination
- Transillumination (UV and white)

Multi-Megapixel Resolution

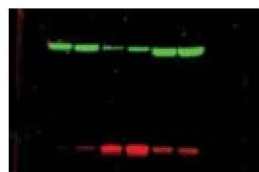
- 3.2 million pixels, with microlens technology and 53 µm resolution

Versatile Detection

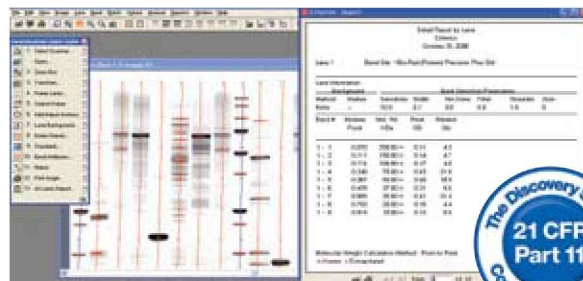
- Fluorescent
- Colorimetric
- Chemiluminescent
- Chemifluorescent

A Wide Range of Applications

- Proteomics and genomics
- 1-D nucleic acid and protein gels
- 2-D protein gels
- Northern, Southern, and western blots
- Dot and slot blots
- Colony counting
- Arrays



Cy3-labeled human β -actin and Cy5-labeled phosphorylated cofilin, imaged with green LED/605BP filter and red LED/695BP filter on VersaDoc MP 4000 system.



Imaging Software

Quantity One® 1-D analysis software and PDQuest™ 2-D analysis software offer sophisticated ways to visualize and analyze your electrophoretic data. Whether quantitating a DNA gel, looking for the absence or presence of a band, determining purity of a protein sample, calculating molecular weight of bands in an unknown sample, or analyzing protein expression, you can rely on comprehensive and sophisticated analyses of 1-D and 2-D samples.

For more information on Bio-Rad's line of gel analysis software, visit us on the Web at www.bio-rad.com/software/

Ordering Information

Catalog # Description

Molecular Imager VersaDoc MP System

170-8640 Molecular Imager VersaDoc MP 4000 System, PC or Mac, 100/240 V, includes CCD camera, darkroom, power supply, cables, epi-illumination, transillumination, fluorescent reference plate, focusing target, Quantity One software, instructions

Imaging Software

170-9600 Quantity One 1-D Analysis Software
170-9615 Quantity One CFR Module
170-9630 PDQuest Advanced 2-D Analysis Software
170-9645 PDQuest Advanced CFR Module

Bio-Rad has a full range of imaging systems.

For more information, visit us on the Web at www.bio-rad.com/imaging/

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