

Aplegen Omega Lum G Gel Documentation System

Manufacturer: Aplegen Life Science

SKU#: 8418-10-0005



- Omega Lum™ SmartCapture Technology
- 6 Megapixel CCD Camera
- 16 bit depth, deeply cooled
- Integrated Tablet Computer
- 6 Position Motorized Filter Wheel
- EPI Blue Light Illumination
- EPI and Trans White Light Illumination
- Dual Wavelength UV Transilluminator
- Compact Design

Product Description

Aplegen Life Science Omega Lum G Gel Documentation System The Aplegen Life Science Omega Lum G Gel Imaging System revolutionizes gel imaging by combining fluorescent gel and chemiluminescent imaging into one compact system, all for the price of a gel doc. This Aplegen Omega Lum G Gel Imaging system is redefining what you can expect from your lab's imaging system. Transforming: User Experience Imaging is made simple with the Aplegen Omega Lum G Gel Imaging system. Log in to your custom profile, select your application, and press capture. Omega Lum™ SmartCapture technology automatically focuses your sample without the need to configure any hardware or software. The compact, integrated system is provided as standard, with a tablet computer and can easily fit on a bench top. Transforming: Expectations The Omega Lum features a high-resolution, 6 megapixel, 16-bit camera with regulated cooling. The 6 position filter wheel and dual wavelength UV transilluminator features epi blue and white lights. A white light conversion screen allows you to sample a variety of compatible dyes. Transforming: Your Lab The Omega Lum G finally makes chemiluminescent imaging affordable for individual labs. Performance The Omega Lum G delivers the performance you need for Western blot imaging. HRP-IgG conjugate 2-fold dilution series slot blot on a nitrocellulose membrane. Samples were incubated with chemiluminescent substrate and imaged on the Omega Lum G. HRP-IgG conjugate 2-fold dilution series slot blot on a nitrocellulose membrane. Samples were incubated with chemiluminescent substrate and imaged on the Omega Lum G and a competitor's system. Omega Lum Smart Capture Technology means you can now automatically capture the best image without the need to hassle with hardware or software. The Omega Lum produces results using the highest resolution currently available for gel documentation 6 megapixels! These results are delivered with low noise at 16 bit depth. This results in improved wide dynamic range for quantitative accuracy in chemiluminescent applications. An integrated computer eliminates the need for any additional computer. You will also enjoy ultimate flexibility in dye selection, thanks to the 6 position motorized filter wheel. The EPI Blue Light Illumination is compatible with SYBR Safe Dye Chemistry. EPI Trans White Light is also available for visible dyes. The Omega Lum G features a dual wavelength UV transilluminator at 302 and 364 nm. With all the features you may be surprised to learn that the Omega Lum G has a small footprint of only 12.5 x 18 x 24 inches. An integrated cabinet is also included in the unit so no installation required. Simply take the Omega Lum out of the box, plug it in and turn it on!

Aplegen Omega Lum G Gel Documentation System Specification

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