

LI-COR

*Just Like Film, Without the Film.*



LI-COR®





# C-DiGit™

## Film-quality chemiluminescent Westerns at a truly affordable price:

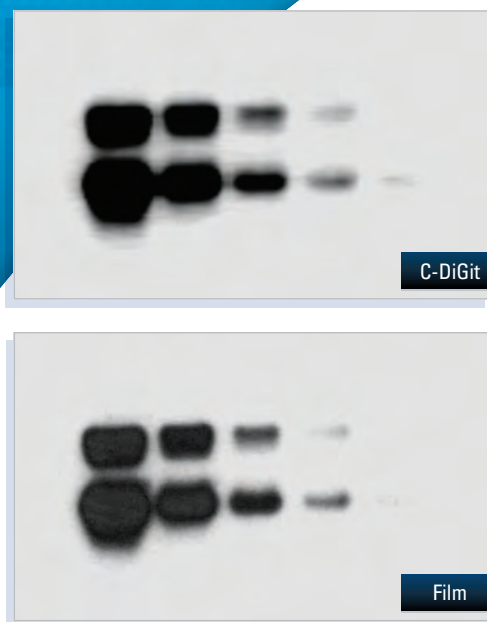
**Meet our latest innovation – and your new lab partner.** The LI-COR C-DiGit Chemiluminescence Western Blot Scanner is the perfect integration of quality and price. The C-DiGit Scanner helps you develop film-quality images without the hassle and expense of film development. Speaking of expense, the C-DiGit Scanner addresses your funding woes in two ways: it's very affordable and it doesn't require film – in fact, the C-DiGit Scanner will pay for itself with your savings on film.

## Chemiluminescence imaging without film or changes to your protocol

The C-DiGit Scanner maintains the simplicity of film exposures without the mess of the darkroom. Did we mention that your current chemiluminescent Western blot protocol doesn't have to change? You perform all of the same steps, without buying film and spending time in the darkroom. The C-DiGit Scanner gives you a complete digital replacement for film – keeping the advantages of film and eliminating many of the drawbacks.

## The LI-COR C-DiGit Scanner – Everything you love about film, without the hassles.

- **No multiple exposures**
- **No saturation**
- **No developer**
- **No darkroom**
- **No mess**
- **No separate analysis**
- **Lower expense**



▲ **Fig 1.** Two-fold serial dilutions of A431 cell lysates were separated and transferred onto nitrocellulose membrane. The blot was probed with mouse anti-p53 antibody (Santa Cruz Biotechnology) and detected with HRP goat anti-mouse IgG antibody (Jackson ImmunoResearch). WesternSure™ Ultra Chemiluminescent Substrate was added to the blot. The blot was then imaged by either exposing to film for 10 minutes (BioExpress Blue Lite) or by scanning with the C-DiGit Blot Scanner.





## Your Key to Convenient Imaging

Ever find yourself with a blot that is ready to image, but the darkroom is full or the developer is broken? Finally, you can image at your convenience. Keep your C-DiGit Scanner on your lab bench, at your desk, or anywhere you choose. As the cost of film rises, the C-DiGit Scanner gives you the first truly affordable replacement option.

## Try the C-DiGit – We Know You'll Love it

Really, what's not to love about the C-DiGit Scanner? It's affordable and offers you a truly personal tool for imaging your chemiluminescent Western blots. Your protocol won't change and your data will look just the same as it always has with film, minus the saturation. The only time you'll notice a difference is when you see your colleagues are still waiting in line for the darkroom.

## Image Acquisition, Refined

The LI-COR C-DiGit allows you to acquire and analyze your image the way you want. Our friendly Image Studio imaging software for the C-DiGit Scanner is designed explicitly for chemiluminescent Western blots. Acquire data using a standard or high sensitivity setting to collect a single digital film image. This one data file contains a wide range of different "exposures" that represents all options that would be available with film. Image Studio offers powerful and easy-to-use image analysis. Not only that, Image Studio for C-DiGit helps to resolve issues caused by film's limited ability to quantify.

▲ **Fig 2. A C-DiGit image file captures the full range of chemiluminescent data for that blot.** Image display settings can be adjusted to render a wide range of different "exposures," short or long. Image display settings do not alter or affect the raw data or signal intensities; they affect visual display only.



Want to learn more about the C-DiGit Scanner? Would you like to see more data?

Visit our web for a complete gallery of the incredible data captured with the C-DiGit Scanner.

Go to **myCDigit.com**



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The LI-COR board of directors would like to take this opportunity to return thanks to God for His merciful providence in allowing LI-COR to develop and commercialize products, through the collective effort of dedicated employees, that enable the examination of the wonders of His works.

"Trust in the LORD with all your heart and do not lean on your own understanding. In all your ways acknowledge Him, and He will make your paths straight."

— Proverbs 3:5,6

