

Background Quenching Sheets

For improved imaging of chemiluminescent blots, and fluorescent gels and blots

For Fluorescence

Use Advansta's **Background Quenching Sheets** to obtain the best images of fluorescent gels and Western blots. Placed under gels or blots during imaging with epi-illumination, these sheets absorb background fluorescence in the imaging environment such as that resulting from contamination of equipment. The sheets are compatible with UV and all visible light illumination, and can be used with a wide variety of fluorescent DNA- and protein-binding dyes and stains.

For Chemiluminescence

Placed under chemiluminescent blots during CCD imaging, the Background Quenching Sheets eliminate noise that occurs with plastic wrap. Stray light entering the imaging system, or emitted from extremely bright bands, can reflect off of the plastic wrap, increasing background that becomes especially apparent during long exposures.

Advantages

- **Improved images** – capture better images by removing background fluorescence and light noise from the environment
- **Flexibility** – sheets are compatible with chemiluminescent and fluorescent Western blots, as well as gels stained with DNA and protein stains including SYBR green, SYBR Gold, ethidium bromide, SYPRO® Orange, SYPRO Ruby and more
- **Increased sensitivity** – improve signal to noise ratios
- **Convenient** – simply place the sheet under the blot or gel while imaging

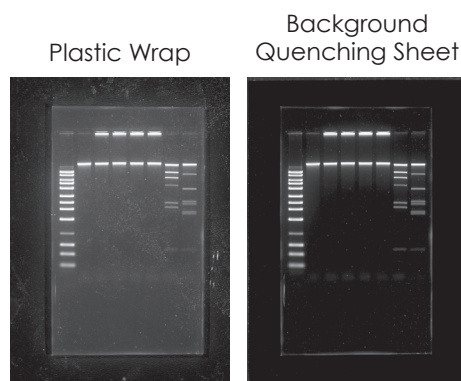


Figure 1. The use of a background quenching sheet greatly reduces the background fluorescence observed when imaging a DNA gel stained with SYBR® Safe.

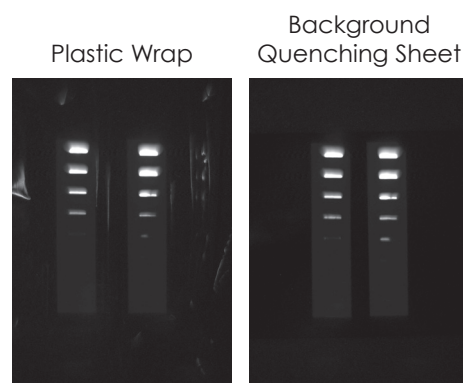


Figure 2. Use of a background quenching sheet under a chemiluminescent blot reduces noise that results when stray light scatters off plastic wrap.

Ordering Information

Catalog Number	Product	Size
541032	Background Quenching Sheets	10 sheets

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