



Azure chemiluminescent HRP substrates

Radiance

Radiance chemiluminescent substrate sets the bar for quantitative ability.

Specially developed for CCD imaging, Radiance produces a strong, long-lasting signal with extremely low background. Since it does not exhibit substrate depletion at high protein loads, Radiance provides the largest dynamic range of any chemiluminescent substrate for the most quantitative chemiluminescent Western experiments.

- **Quantitative** – linear range of signal with respect to protein amount exceeds 3 orders of magnitude
- **Low background** – for high signal-to-noise
- **Long lasting signal** – image blots hours after substrate incubation
- **Versatile** – optimized for CCD imaging, and compatible with film detection

Radiance Plus

Radiance Plus is designed for sensitive detection and low antibody concentrations.

Radiance Plus is the most sensitive HRP substrate available from Azure for chemiluminescent Western blotting. With attomole sensitivity and a long-lasting signal, Radiance Plus allows you to detect bands not visualized with other substrates. High signal-to-noise and a large dynamic range make it ideal for quantifying low-intensity bands.

- **Detect low-abundance proteins** – attomole sensitivity
- **Low background** – for high signal-to-noise
- **Long lasting signal** – image blots hours after substrate incubation

Take the head to head challenge!

REQUEST A SAMPLE from VWR, and compare to your existing substrate.

Which Azure substrate is right for you?



Azure Substrate	Radiance	Radiance Plus
Use	Extended dynamic range for detecting low and high abundance proteins within the same blot	Low abundance protein detection
Sensitivity	Mid femtograms	Low femtograms
Signal Duration	10-24 hours	6-8 hours
Compare Performance to	Amersham™ ECL™ Prime SuperSignal® West Dura®	Amersham™ ECL Select™ SuperSignal® West Femto®

Ordering Information

Part Number	Name	Description	Size
10147-296	Radiance	HRP Substrate for CCD Imaging – contains substrate for 1500 cm ² membrane	150 ml
10147-298	Radiance Plus	Femtogram-sensitivity HRP Substrate – contains substrate for 1500 cm ² membrane	150 ml



Copyright © 2017 Azure Biosystems. All rights reserved. The Azure Biosystems logo and Azure Biosystems™ are trademarks of the Company. All other trademarks, service marks and trade names appearing in this brochure are the property of their respective owners.

**1.800.932.5000**
vwr.com



Prices and product details are current when published; subject to change without notice. | Certain products may be limited by federal, state, provincial, or local regulations. | VWR makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC. All prices are in US dollars unless otherwise noted. Offers valid in US and Canada, void where prohibited by law or company policy, while supplies last. | VWR, the VWR logo and variations on the foregoing are registered (®) or unregistered trademarks and service marks, of VWR International, LLC and its related companies. All other marks referenced are registered by their respective owner(s). | Visit vwr.com to view our privacy policy, trademark owners and additional disclaimers. ©2017 VWR International, LLC. All rights reserved.