Chemiluminescent Detection







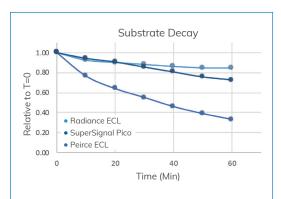
Radiance ECL Substrate

Chemiluminescent HRP substrate

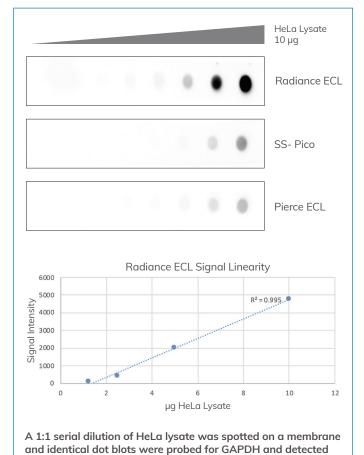
Radiance ECL is an enhanced chemiluminescent substrate specially developed for routine Western blotting. The strong signal and low background produces cleaner blots, allowing for more meaningful quantitative comparisons.

Features

- Economical well-suited for routine Western blotting
- Linear signal for more meaningful quantitative comparisons
- Long lasting signal



The blots pictured to the right were imaged at regular intervals up to sixty minutes, and the signal of the second spot is plotted above. Radiance ECL shows significantly less signal decay than other substrates.



using the substrate indicated. The linearity of the Radiance ECL

Part Number	Name	Name	Size
512204	Radiance ECL	Enhanced Chemiluminescent HRP Substrate	500mL

signal is shown on the bottom.

Chemiluminescent Detection









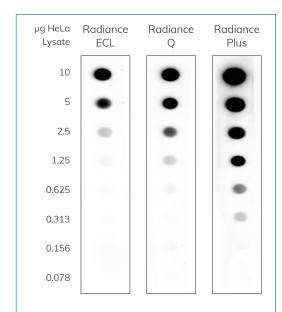
Radiance Substrates

Specialized chemiluminescent HRP substrates for CCD imaging

Radiance chemiluminescent horseradish peroxidase (HRP) substrates are specially formulated for CCD imaging and to provide excellent performance with Azure's cSeries imaging systems. Radiance substrates produce strong, long-lasting signal that is linear with respect to protein load.

Which substrate is right for you?

Substrate	Features	
Radiance ECL	EconomicalLinear signal for quantitative Westerns	
Radiance Q	 Higher linear dynamic range for more reliable quantitation Increased sensitivity Extended signal longevity 	
Radiance Plus	Ultra-high sensitivity for low abundance proteins	



A serial dilution of HeLa lysate was spotted on a membrane and identical dot blots were probed for GAPDH and detected using the Radiance Substrate indicated.

Part Number	Name	Name	Size
512204	Radiance ECL	Enhanced Chemiluminescent HRP Substrate	500mL
512101	Radiance Q	Enhanced Chemiluminescent HRP Substrate with high dynamic range	150mL
512103	Radiance Plus	HRP Substrate with high sensitivity	150mL



Biozym Scientific GmbH Tel.: 05152 / 9020, Fax: 05152 / 2070 Mail: support@biozym.com

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Biozym Biotech Trading GmbH Tel: 01 / 334 0156 0, Fax: 01 / 334 0156 88 Mail: support@biozym.com



