

BETTER RESULTS WITH JUST ONE

The Power of Western Lightning™ ONE

One-Reagent Substrates for Western Blotting

Get the consistency you demand from your western blot experiments with pre-mixed, one-reagent horseradish peroxidase (HRP) chemiluminescent substrates.

Our Western Lightning ONE pre-mixed substrates provide sensitivity from picogram to low femtogram, for the flexibility to detect a broad range of protein levels.

Use our Western Lightning ONE reagents to validate CRISPR experiments, *in vivo* imaging studies, and more.



Features at a Glance

- ▶ **Premixed, one-reagent, ready-to-use solution** for ease of use
- ▶ **High signal-to-noise ratio**
- ▶ **Stable at room temperature for 1 year**
- ▶ **Three levels of sensitivity** from mid-picograms to low femtograms, for all your detection needs
- ▶ **Consistent results** by avoiding pipetting errors and potential contamination, for increased confidence
- ▶ **Compatible with all protein imaging technology** chemiluminescence imagers and X-ray film
- ▶ **Suitable for different types of membranes and blocking reagents**

Discover Our Western Lightning ONE Chemiluminescent Substrates

Part Number	Chemiluminescent Substrate	Features	Unit Size
NEL130001EA	Western Lightning ONE Pico	<ul style="list-style-type: none"> ▶ Mid-picogram detection ▶ Ideal for most routine analysis of abundant proteins ▶ Low background for high signal to noise ratio 	25 mL
NEL131001EA			250 mL
NEL132001EA			500 mL
NEL140001EA	Western Lightning ONE Femto	<ul style="list-style-type: none"> ▶ Mid-femtogram detection ▶ Well-suited for a wide range of antibody dilutions ▶ Detects protein levels with high signal intensity 	25 ML
NEL141001EA			250 mL
NEL142001EA			500 mL
NEL150001EA	Western Lightning ONE Femto Ultra	<ul style="list-style-type: none"> ▶ Low femtogram detection ▶ Low antibody consumption ▶ Detects protein levels with superior signal intensity 	25 mL
NEL151001EA			125 mL
NEL152001EA			250 mL

For more information visit our website:

<https://www.perkinelmer.com/category/chemiluminescent-substrates>

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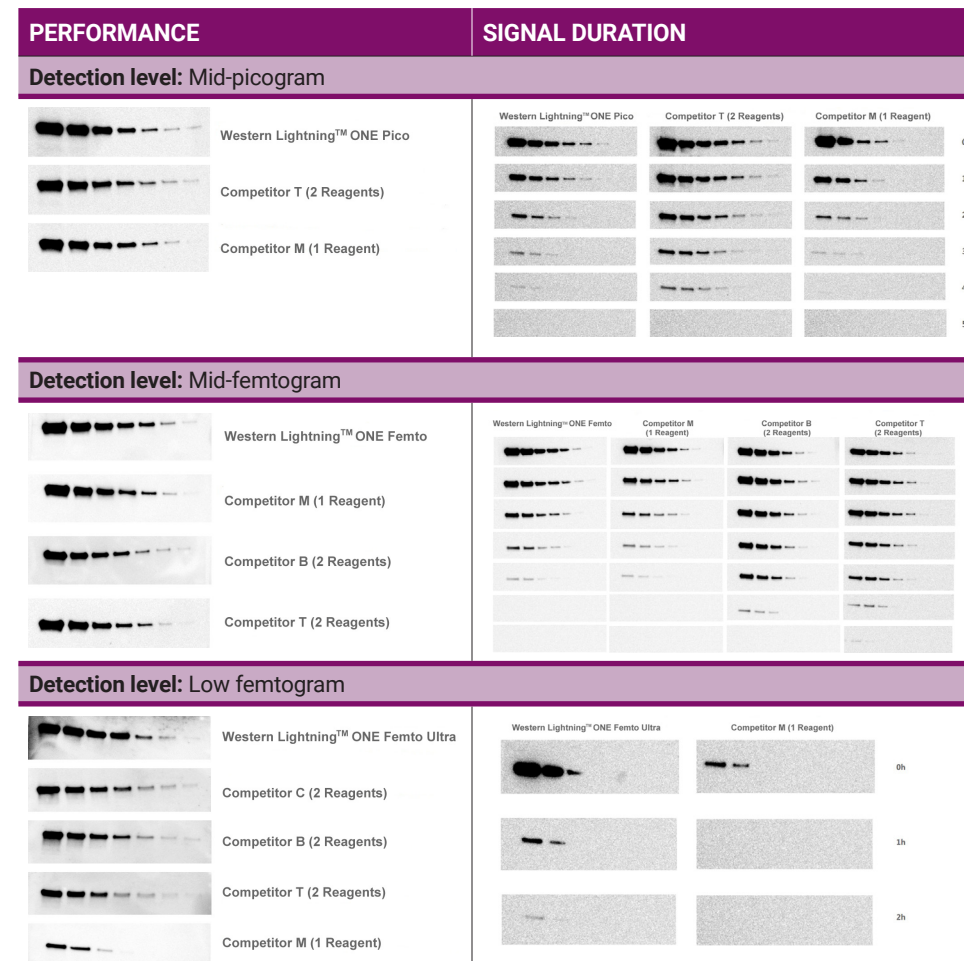
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Comparison of Western Lightning ONE Versus Major Competitors: Performance and Signal Duration

Western blotting detection of HDAC-1 in HeLa cell lysate.
Exposure time is 120 secs for each time point.



PerkinElmer®