

Amersham™ ECL Detection Reagents

Amersham ECL detection reagent uses enhanced luminol-based detection suitable for all routine confirmatory Western blotting experiments.

Proven reliability:

Overview

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Proven reliability:

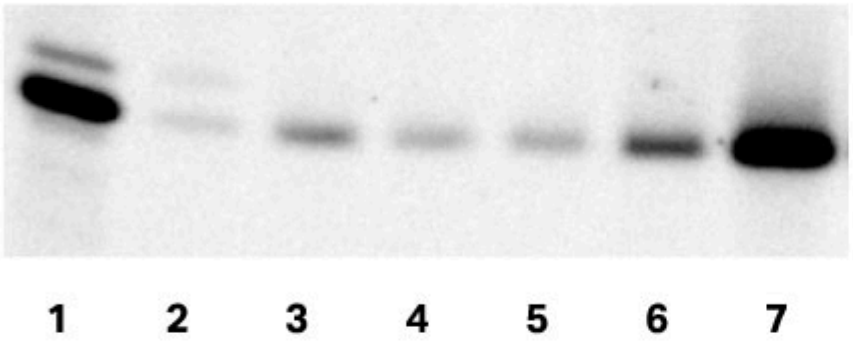
- For decades, Amersham ECL has been a widely used chemiluminescent detection reagent for researchers worldwide, giving excellent and reliable results every time
- Cited in thousands of publications worldwide

Based on the enhanced chemiluminescent reaction of luminol with horseradish peroxidase, ECL™ substrate can be used to detect probes which have been labelled either directly or indirectly with horseradish peroxidase. Rapid light output enables results to be achieved in 10 to 15 minutes. It is the substrate of choice for target amounts above 500 fg.

High sensitivity and fast results:

- Detects up to 10 to 12 ng of protein, which is ~10× more than colorimetric methods
- Optimized to use with Amersham Protran nitrocellulose (NC) membranes
- Delivers results in just a few minutes, then image using a CCD imager like the Amersham ImageQuant 800 or Amersham Hyperfilm ECL

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Lane 1: start material, 3 µL
Lane 2: flow through, 3 µL
Lane 3: wash 1, 3 µL
Lane 4: wash 2, 3 µL
Lane 5: wash 3, 3 µL
Lane 6: eluate 1, 3 µL
Lane 7: eluate 2, 3 µL

Fig 1. Amersham ECL Western blotting detection reagent used for confirmation of histidine EGFP.

For a convenient, easy-to-use kit that contains ECL detection reagent, horseradish peroxidase (HRP)-conjugated antibodies, and blocking agent, please visit ECL detection reagent product page.

Product specifications

ECL Detection Reagents	
Catalog code	RPN2105
Kit contents	Detection Reagent 1; Detection Reagent 2
ECL Detection Reagents	
Catalog code	RPN3004
Kit contents	Detection Reagent 1; Detection Reagent 2

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