

GE Healthcare
Life Sciences

Amersham™ Hyperfilm™

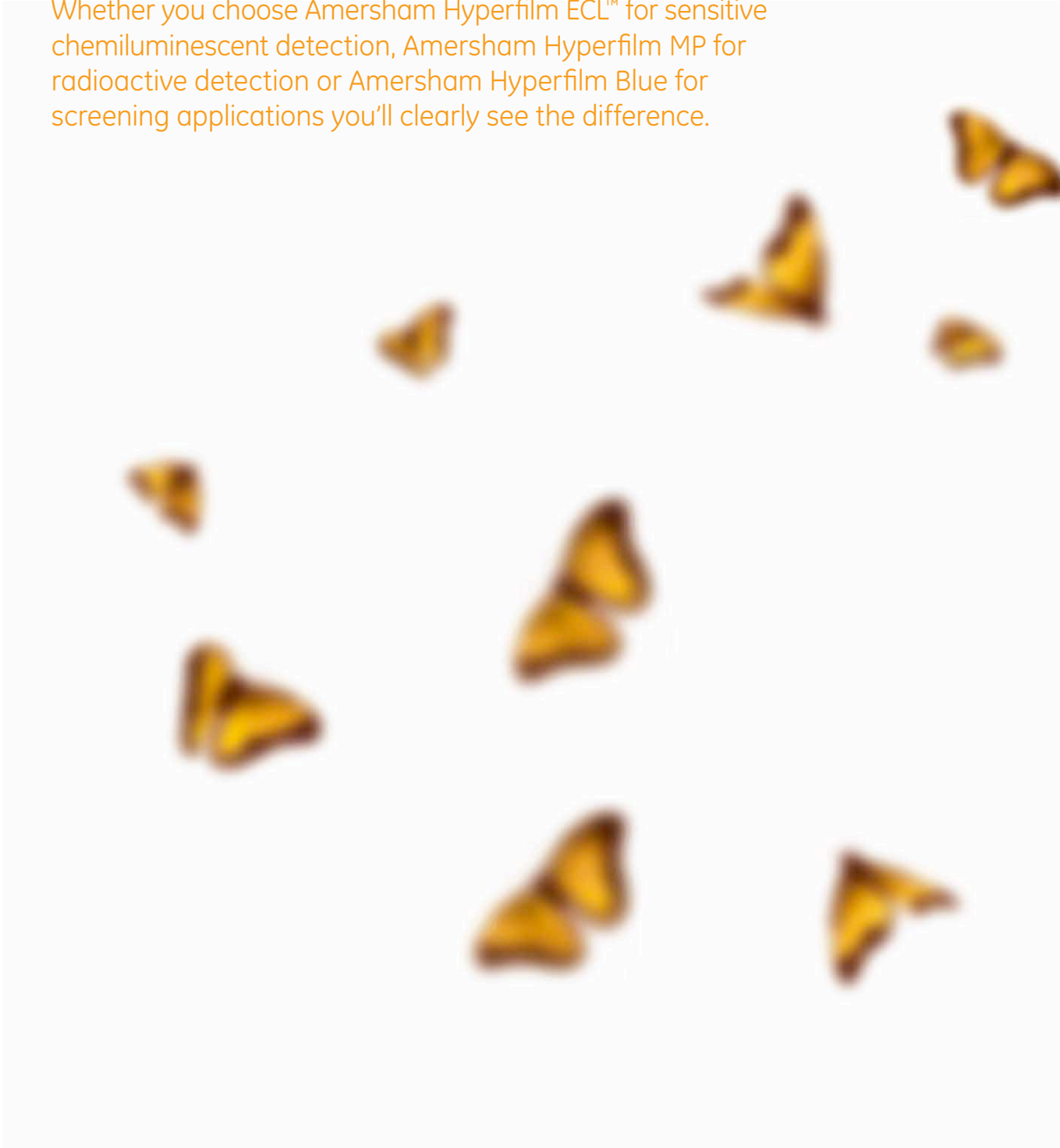
The clear choice for reliable results



For over 20 years, Amersham Hyperfilm has been the brand of life science autoradiography trusted by scientists worldwide. Offering outstanding sensitivity and clarity of results, it has continued to deliver the images that your research relies upon.

Now we have extended the range to include Amersham Hyperfilm Blue—a value film for qualitative applications.

Whether you choose Amersham Hyperfilm ECL™ for sensitive chemiluminescent detection, Amersham Hyperfilm MP for radioactive detection or Amersham Hyperfilm Blue for screening applications you'll clearly see the difference.



Amersham Hyperfilm ECL

Applications: Chemiluminescent detection in Western, Southern, and Northern blots

- Excellent sensitivity for low concentration protein detection
- Clear background: high contrast and band visibility in the detection of chemiluminescent signals
- Artifact-free results: minimal occurrence of visual artifacts due to the anti-static layer
- Validated performance: compatibility with ECL, ECL Prime, CDP-Star™ and all blue and green chemiluminescence systems. For optimum detection in western blotting use with ECL Prime detection reagents.

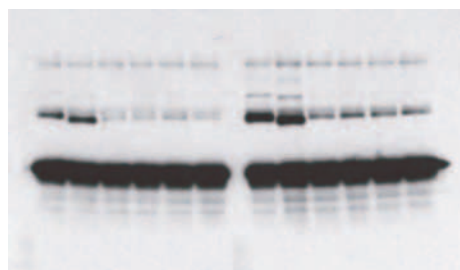


Fig 1. Western blot of co-immunoprecipitated p53 detected with Amersham ECL detection reagents. Result kindly supplied by Pamela Robertson, Dept. of Surgery and Molecular Oncology, University of Dundee, UK.

Ordering information

Product	Pack size	Code no.
Amersham Hyperfilm ECL (5 × 7 in)	50 sheets	28-9068-35
Amersham Hyperfilm ECL (18 × 24 cm)	50 sheets	28-9068-36
Amersham Hyperfilm ECL (18 × 24 cm)	100 sheets	28-9068-37
Amersham Hyperfilm ECL (8 × 10 in)	50 sheets	28-9068-38
Amersham Hyperfilm ECL (8 × 10 in)	100 sheets	28-9068-39
Amersham Hyperfilm ECL (24 × 30 cm)	50 sheets	28-9068-40
Amersham Hyperfilm ECL (35 × 43 cm)	50 sheets	28-9068-41

Related products	Pack size	Code no.
Amersham ECL Prime Western Blotting Detection Reagents	for 1000 cm ² membrane	RPN2232
AlkPhos Direct labeling and Detection system with CDP-Star	for 2500 cm ² membrane	RPN3690
Hybond-LFP (30 cm × 3 m)	1 roll	RPN303LFP
Hybond-LFP (20 cm × 20 cm)	10 sheets	RPN2020LFP
Hybond™ ECL (30 cm × 3 m)	1 roll	RPN303D
Hybond ECL (20 cm × 20 cm)	10 sheets	RPN2020D
Hybond-P (30 cm × 3 m)	1 roll	RPN303F
Hybond-P (20 cm × 20 cm)	10 sheets	RPN2020F
Hybond N+ (20 cm × 20 cm)	10 sheets	RPN2020B
Hybond Blotting Paper (20 × 20 cm)	100 sheets	RPN6101M
3MM Chr (46 × 57 cm)	100 sheets	3030-917



Amersham Hyperfilm MP

Applications: ^{32}P , ^{33}P , ^{125}I Northern, Southern, and Western blots
 ^{35}S , ^{33}P , ^{32}P sequencing
Fluorography of ^3H , ^{14}C , and ^{35}S

- High sensitivity: sensitivity down to single-copy gene detection
- Clear results: a clear, colorless background which improves band visibility
- Flexibility: compatibility for use with all commonly used radioisotopes

Hyperfilm MP is an excellent multipurpose film constructed from a clear base coated on both sides with a photographic emulsion that is protected by an anti-scratch layer. It may be processed using automatic processors or in tanks and trays with most commonly used laboratory X-ray film developers and fixers. In a multidisciplinary laboratory in which both blots and sequencing experiments are performed, Hyperfilm MP is the recommended film for high performance in all applications.

Hyperfilm MP is also available in an envelope-sealed format.

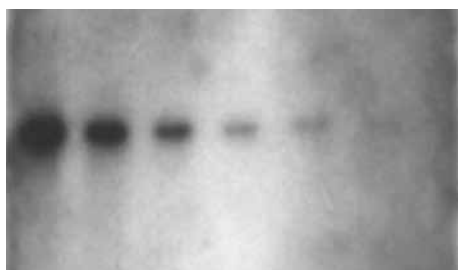


Fig 2. Single-copy gene detection using ^{32}P Southern blot of human genomic DNA, isolated from whole blood, HindIII digest (1, 0.5, 0.25, 0.12, 0.06, 0.03 μg per lane). Detection with n-ras insert probe (1.5 kb) labeled with ^{32}P -dCTP. Autoradiography with Amersham Hyperfilm MP at -70°C with two Amersham HyperScreen Intensifying Screens for 18 h.

Ordering information

Product	Pack size	Code no.
Amersham Hyperfilm MP (5 × 7 inches)	50 sheets	28-9068-42
Amersham Hyperfilm MP (18 × 24 cm)	50 sheets	28-9068-43
Amersham Hyperfilm MP (18 × 24 cm)	100 sheets	28-9068-44
Amersham Hyperfilm MP (8 × 10 inches)	50 sheets	28-9068-45
Amersham Hyperfilm MP (8 × 10 inches)	100 sheets	28-9068-46
Amersham Hyperfilm MP (24 × 30 cm)	50 sheets	28-9068-47
Amersham Hyperfilm MP (35 × 43 cm)	50 sheets	28-9068-48
Amersham Hyperfilm MP (18 × 24 cm)	50 sheets	28-9068-50

Related products	Pack size	Code no.
Rediprime II DNA Labeling System	30 reactions	RPN1633
Hybond N+ (20 cm × 20 cm)	10 sheets	RPN2020B
Hybond Blotting Paper (20 × 20 cm)	100 sheets	RPN6101M
3MM Chr (46 × 57 cm)	100 sheets	3030-917

Amersham Hyperfilm Blue

Applications: Qualitative chemiluminescent detection in Western, Southern, and Northern blots

- Speed: Rapid results for when experimental length needs to be kept to a minimum.
- Validated performance: compatibility with ECL, ECL Prime, CDP-Star, and all blue and green chemiluminescence systems. For the best value detection in western blotting use with Amersham ECL detection reagents.

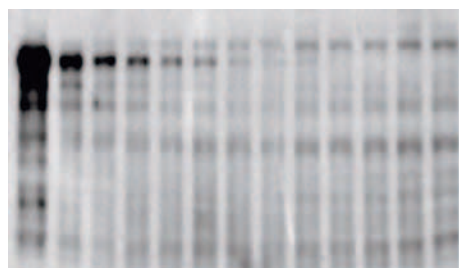


Fig 3. Performance of Amersham Hyperfilm Blue in a Western blot of a two-fold dilution series of transferrin, from 2.5 ng, spiked in *E. coli*. Transferrin was detected using ECL Prime Western Blotting Detection Reagent. The films were exposed to the membrane for 1 min.

Ordering information

Product	Pack size	Code no.
Amersham Hyperfilm Blue 5 × 7 in	100 sheets	28-9888-20
Amersham Hyperfilm Blue 18 × 24 cm	100 sheets	28-9888-21
Amersham Hyperfilm Blue 8 × 10 in	100 sheets	28-9888-22

Related products	Pack size	Code no.
Amersham ECL Western Blotting Detection Reagents	for 4000 cm ² membrane	RPN2106
Amersham ECL Western Blotting System	1 Kit	RPN2108
Amersham ECL Western Blotting Detection Reagents	for 1000 cm ² membrane	RPN2109
Amersham ECL Western Blotting Detection Reagents	for 6000 cm ² membrane	RPN2134
Hybond ECL (30 cm × 3 m)	1 roll	RPN303D
Hybond-P (30 cm × 3 m)	1 roll	RPN303F
3MM CHR blotting paper (27 cm × 100 m)	1 roll	3030-704

For local office contact information, visit
www.gelifesciences.com/contact

www.gelifesciences.com/hyperfilm

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