

Working solution can be used for up to 5 d

We used the working solution of Amersham ECL start on days 0 and 5 to detect purified β -gal protein with Amersham ECL start (Fig 7A). After 5 d of storage at 4°C to 8°C, the remaining signal was strong enough to be used to confirm the presence of protein. When we evaluated the signal intensity of the protein bands at 160 and 40 ng, respectively; the results showed that the protein signal declined proportionally to protein amount (Fig 7B).

Sample: β -gal protein in a 2-fold dilution series starting at 320 ng protein
Membrane: Amersham Protran Premium 0.45 NC
Blocking: Skimmed milk powder (5% in PBS-T)
Primary Ab: Rabbit anti- β -gal diluted 1:5000
Secondary Ab: HRP-conjugated anti-rabbit IgG diluted 1:50 000
Imaging: X-ray film
Exposure time: 5 min

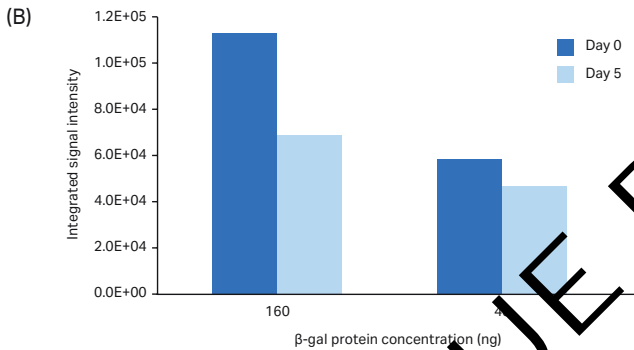
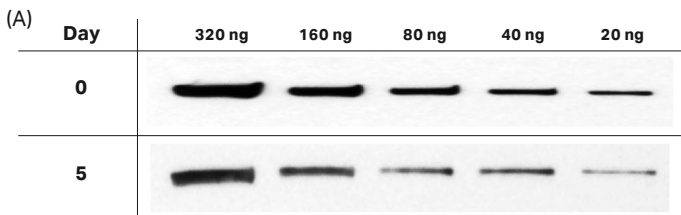


Fig 7. Detection of high to medium β -gal protein levels. (A) obtained by using a working solution that was prepared 5 d earlier; and (B) Shows a comparison of the signal intensities for 2 bands.

Ordering information

Product [†]	Code number
Amersham ECL start Western Blotting Detection Reagent for 2000 cm ² membrane	RPN3243
Amersham ECL start Western Blotting Detection Reagent for 4000 cm ² membrane	RPN3244

[†] These products are available from Cytiva distributors www.cytiva.com/distributors

Related products^{*}

Amersham Protran 0.2 NC 1 roll 30 cm × 4 m	106000-01
Amersham Hybond P 0.2 PVDF 1 roll 26 cm × 4 m	106000-02
Amersham ECL Prime Blocking Agent, 40 g	RPN418
Amersham ECL Mouse IgG, HRP-Linked Whole Ab (from sheep), 1 ml	NA931-1ML
Amersham ECL Rabbit IgG, HRP-Linked Whole Ab (from donkey), 1 ml	NA934-1ML
Amersham ECL Rainbow Markers 250 ng	RPN800E
Amersham ECL DualVue Western Blotting Markers (25 loadings)	RPN810
Amersham ECL Gel Box	28-9906-08
Amersham ECL Gel, 10% (pack of 10 gels)	28-9898-04
Amersham ECL Gel, 4-20% (pack of 10 gels)	28-9901-54

Imaging systems and X-ray film

Amersham Image 600	29-0834-61
Image Quant™ LAS 500	29-0050-63
Amersham Hyperfilm ECL, 18 × 24 cm (50 sheets)	28-9068-36

* For a more comprehensive list of related products, please refer to www.cytiva.com/ecf

cytiva.com/amershamwb

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate. Amersham, ECL, ECL DualVue, Hybond, Rainbow, and Image Quant are trademarks of Global Life Sciences Solutions USA LLC or an affiliate, doing business as Cytiva.

Amersham ECL start, Amersham ECL Prime and Amersham ECL Select is manufactured and sold under license from Cyanagen Srl and is subject of US Canadian and EU patent application number EP1950207A1, US2008176251A1, ITBO20070037A1, EP1962095A1, US2008241868A1, ITBO20070112A1, together with other equivalent granted patents and patent applications in other countries.

© 2020 Cytiva

All goods and services are sold subject to the terms and conditions of sale of the supplying company operating within the Cytiva business. A copy of those terms and conditions is available on request. Contact your local Cytiva representative for the most current information.

For local office contact information, visit cytiva.com/contact

CY14203-11Sep20-DF

