

Detection and blocking

Luminata Elisa HRP

MERCK

- HRP reagent for chemoluminescent detection in ELISA format
- Requires a suitable plate reader
- High sensitivity to detect up to 0.1 pg of protein
- Wide dynamic range allowing a large number of detection thresholds
- Flexible use, with two types of substrates, Luminata crescendo and Forte



| Cat. No. | Description | € Excl. VAT |
|----------|---|-------------|
| 053777 | Luminata Forte Elisa HRP Substrate 100 ml | NC - |
| 053778 | Luminata Crescendo Elisa HRP Substrate 100 ml | NC - |
| 053779 | Luminata Crescendo Elisa HRP Substrate 200 ml | NC - |

Protein labelling and detection

| | Amersham ECL™ | Amersham ECL Start™ | Amersham ECL Prime™ | Amersham ECL Select™ | Amersham ECL Plex™ |
|-----------------------------------|--|---|---|---|--|
| Kit features | Routine Western blotting | Confirmatory Western blotting for high to moderate sensitivity proteins | Quantitative and confirmatory analysis High to low sensitivity proteins | Quantitative and confirmatory analysis Medium to very low protein sensitivity | Quantitative analysis |
| Sensitivity (model system) | ~10 pg | N/C | ~1 pg | ~5 ng | ~1.2 pg |
| Primary antibody (model system) | 1 :100-1 :5,000 | 1:500 - 1:3000 | 1:1,000 - 1:50,000 | 1:5,000 - 1:30,000 | 1 :100-1 :5,000 |
| Secondary antibody (model system) | 1 :1,000- 1 :15,000 | 1:5000 - 1:50000 | 1:50,000 - 1:250,000 | 1:100,000 - 1:300,000 | 1 :1.250-1 :4,000 |
| Emission duration | 1 to 2 hrs | 3 hrs | 3 hrs | 2 hrs | > 3 months |
| Reprobing with 2 antibodies | Yes | Yes | Yes | Yes | Not required |
| Recommended membrane | Amersham Hybond P Amersham Protran Premium | Amersham Hybond P Amersham Protran | Amersham Hybond P Amersham Protran Premium | Amersham Hybond Amersham Protran Premium | Amersham Hybond LFP Amersham Protran Premium |
| Recommended detection method | Hyperfilm ECL and imageQuant imagers | Amersham Hyperfilm and CCD camera detection range | Hyperfilm ECL and imagers imageQuant | Hyperfilm ECL and imagers imageQuant | Fluorescence scanner and ImageQuant imagers |

Amersham ECL™, ECL Start™, ECL Advance™, ECL Select™, ECL Prime,

cytiva

Amersham ECL™

| Cat. No. | Description | € Excl. VAT |
|----------|---|-------------|
| RPN2108 | ECL western blotting system for 1000 cm ² of membrane : anti-mouse HRP conjugate 100 µl, anti-Rabbit conjugate HRP 100 µl, detection reagents 1 and 2, blocking agent ⁴ | NC - |
| RPN2109 | ECL Western Blotting Detection Reagents for 1000 cm ² of membrane ⁴ | NC - |
| RPN2209 | ECL Western Blotting Detection Reagents for 2000 cm ² of membrane ⁵ | NC - |
| RPN2106 | ECL Western Blotting Detection Reagents for 4000 cm ² of membrane ⁶ | NC - |

⁴ contains 2 flasks of 62,5 ml ⁵ contains 2 flasks of 125 ml
⁶ contains 2 flasks of 250 ml

Amersham ECL Prime™

| Cat. No. | Description | € Excl. VAT |
|----------|--|-------------|
| RPN2232 | ECL Prime Western Blotting Reagent for 1000 cm ² of membrane ¹ | NC - |
| RPN2236 | ECL Prime Western Blotting Reagent for 3000 cm ² of membrane ² | NC - |

¹ contains 2 flasks of 50 ml ² contains 2 flasks of 150 ml

Amersham ECL Plex™ : for quantitative detection

Use of 2 fluorescent markers allowing the simultaneous detection of 2 proteins on western blots.

- Uses CyDye™ technology
- Multiplex analysis of proteins

Contains :

- ECL Plex Goat - mouse IgG-Cy3, 150 µg
- ECL Plex Goat - rabbit IgG-Cy5, 150 µg
- Hybond ECL 10 x 10 cm (cdt 10) or Hybond-LFP 20 x 20 cm (cdt 3)
- Marqueurs ECL Plex Rainbow 120 µl

| Cat. No. | Description | € Excl. VAT |
|----------|--|-------------|
| RPN999 | ECL Plex : Cy3,CY5, Rainbow Marker and HYBOND-LFP 20 x 20 cm | NC - |



Amersham ECL START™

| Cat. No. | Description | € Excl. VAT |
|----------|---------------------------------------|-------------|
| RPN3243 | ECL Start for western blot 200 ml | NC - |
| RPN3244 | ECL Start for western blot 400 ml x 2 | NC - |

Amersham ECL SELECT™

| Cat. No. | Description | € Excl. VAT |
|----------|---|-------------|
| RPN2235 | ECL Select Western blotting Reagent for 1000 cm ² of membrane ³ | NC - |

³ contains 1 x 50ml luminol flask and 1 x 50 ml peroxyde solution flask