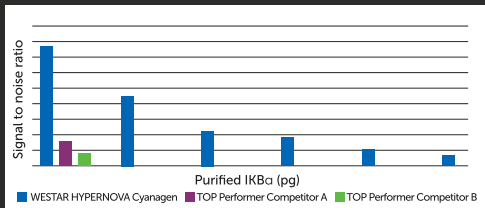


## SELECTION GUIDE

| Product   | Competitors  |
|---|--|
| WESTAR SUN Cod. XLS063<br>WESTAR-ONE Basic Cod. XLSUI77       | AMERSHAM™ ECL™ - GE HEALTHCARE<br>AMERSHAM ECL START™ - GE HEALTHCARE<br>PIERCE™ ECL-THERMO SCIENTIFIC™<br>IMMOBILON® CLASSICO - MILLIPORE™  |
| WESTAR NOVA 2.0 Cod. XLS071                                   | PIERCE™ ECL PLUS - THERMO SCIENTIFIC™<br>IMMOBILON® CLASSICO - MILLIPORE™<br>WESTERN LIGHTNING™ PLUS-PERKINELMER<br>WESTERNBRIGHT™ ECL- ADVANSTA   |
| WESTAR ANTARES Cod. XLS142<br>WESTAR-ONE Plus Cod. XLSUI78    | CLARITY™ - BIORAD<br>SUPERSIGNAL™ WEST DURA -THERMO SCIENTIFIC™<br>AMERSHAM™ ECL PRIME™ - GE HEALTHCARE<br>SUPERSIGNAL™ WEST PICO PLUS - THERMO SCIENTIFIC™<br>IMMOBILON® CRESCENDO - MILLIPORE™<br>WESTERNBRIGHT™ QUANTUM™ - ADVANSTA |
| WESTAR ETA C ULTRA 2.0 Cod. XLS075                            | SUPERSIGNAL™ WEST DURA -THERMO SCIENTIFIC™<br>AMERSHAM™ ECL PRIME™ - GE HEALTHCARE<br>IMMOBILONS FORTE - MILLIPORE™<br>IMMOBILON™ - MILLIPORE™<br>WESTERN LIGHTNING™ PRO-PERKINELMER   |
| WESTAR SUPERNOVA Cod. XLS3<br>WESTAR-ONE Extreme Cod. XLSUI80 | CLARITY MAX™ - BIORAD<br>SUPERSIGNAL™ WEST FEMTO-THERMO SCIENTIFIC™<br>AMERSHAM™ ECL SELECT™ - GE HEALTHCARE<br>WESTERNBRIGHT™ SIRIUS™ - ADVANSTA<br>WESTERN LIGHTNING™ ULTRA-PERKINELMER  |
| WESTAR HYPERNOVA Cod. XLS149                                  | NO COMPETITORS AT THE SAME PERFORMANCE LEVEL   |

## WESTAR HYPERNOVA

### XLS149 THE BRIGHTEST ★



[www.cyanagen.com/products/westar-hypernova/](http://www.cyanagen.com/products/westar-hypernova/)

CYANAGEN

Reagents for Molecular Biology

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CYANAGEN

Reagents for Molecular Biology

THE RIGHT LIGHT

## WESTAR / WESTAR-ONE

ECL Substrates for Western Blotting

07

[www.cyanagen.com](http://www.cyanagen.com)

## WESTAR AND WESTAR-ONE

### TECHNICAL DESCRIPTION

Cyanagen offers two product lines of ECL for Western Blotting:

- WESTAR: two-component chemiluminescent substrates
- WESTAR-ONE: one-component chemiluminescent substrate

Different levels of sensitivity and signal duration are available to cover all detection needs from mid picograms to low femtograms.

### STORAGE CONDITION

Store at room temperature (18-25°C).  
No need to equilibrate before using.

## WESTAR AND WESTAR-ONE

### FEATURES

#### WESTAR

Six levels of sensitivity

#### Optimized

Low background and high signal to noise ratio

#### Extreme precision

Wide dynamic range and high reproducibility

#### WESTAR-ONE

Three levels of sensitivity

#### Ready-to-use

Premixed solution to save time

#### Optimized

Low background and high signal to noise ratio

#### Increased consistency

Avoid pipetting errors and possible contaminations

#### Green

Reduce plastic

## WESTAR AND WESTAR-ONE

### QUICK START PROTOCOL

- Perform electrophoresis, membrane transfer and antibody incubation and washes.
- Prepare WESTAR working solution (WESTAR WS) by mixing equal volumes of the two solutions.
- In the case of WESTAR-ONE, the solution is ready to use. Mix well before use.
- Apply the substrate onto the membrane with protein side up (0.1 ml of WESTAR WS / WESTAR-ONE per cm<sup>2</sup> of membrane).
- Allow the excess buffer to run off from a corner.
- Do not let the membrane dry out.
- Incubate for 1,5 min ensuring that the entire surface is covered.
- Acquire the signal with autoradiography film or imaging devices.
- For an unknown signal, try to expose 15 s, 30 s, 1 min and 5 min to start with.