



WESTERN BLOT > Owi ECL RevelBIot® Pico

Reliability. Accuracy. Success.

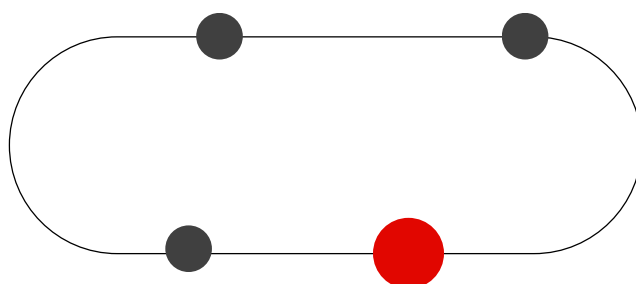
We are with you to improve your research.

PCR

Polymerase (Standard, Hot Start, High Fidelity), dNTP mix

RT-qPCR

Master Mix, dNTP mix



ELECTROPHORESIS

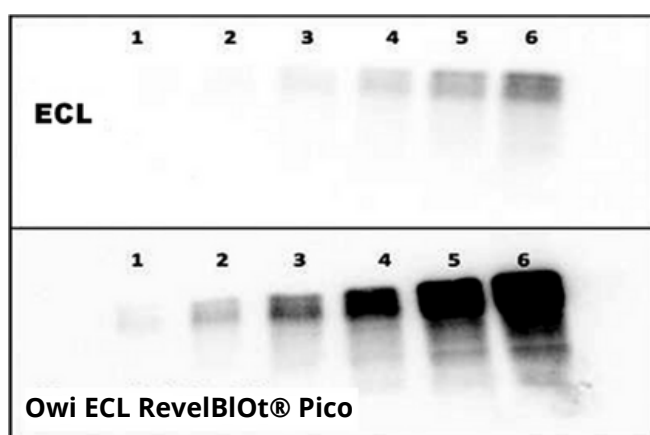
*Agarose, Dye DNA Stain,
DNA Ladder*

WESTERN BLOT

- **Owi ECL RevelBIot® Pico 250 ml**
- Owi ECL RevelBIot® Femto 100 ml
- Owi EColor® Prestained Protein Marker

Owi ECL RevelBIot® Pico

- **High sensitivity:** detection threshold below one picogram
- **Cost-effective**
- **No optimization required**
- **Perfect for routine analysis**
- **Working solution stable for at least three days**



Serial dilution of the protein fraction of a cell extract:

- 1: 1 μ g
- 2: 2 μ g
- 3: 5 μ g
- 4: 10 μ g
- 5: 25 μ g
- 6: 50 μ g

Western blot protocol:

The protein extracts were separated on a polyacrylamide gel and then transferred onto a nitrocellulose membrane. Hybridization was carried out using a BSA blocking buffer.

The primary antibody was diluted 1:5,000, and the secondary antibody was diluted 1:10,000. After washing, the membranes were incubated with ECL or ECL RevelBlot® Plus substrates (according to the protocol conditions).

The signals were then detected using a GBOX-iChemi-XL14 with an exposure time of one minute.

Reference	Name	Size
OZYB001-2500	Owi ECL RevelBIot® Pico	250 ml

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Pick the Right ECL RevelBIOT®

	Owi ECL RevelBIOT® Pico	Owi ECL RevelBIOT® Femto
Kit features	Routine Analysis	Proteins with low to medium expression
Sensitivity	> 1 - 10 pg	< 1 pg
Primary antibody	1:500 - 1:5000 0,2 - 2 µg/ml	1:1000 - 1:50 000 20 ng -1 µg/ml
Secondary antibodies	1:20 000 - 1:100 000 10 to 50 ng/ml	1:50 000 - 1:250 000 4 to 20 ng/ml
Exposure time	< 2 min	> 5 min
Other ECL substrates	Pierce ECL, GE ECL, Pierce SuperSignal Pico, GE ECL Plus	Pierce SuperSignal Dura, GE ECL Advance, Pierce SuperSignal Femto
Signal duration	8 hours	24 hours

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