ZETA™

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WESTERNLUMAXLIGHT

310208 WesternLumaxLight™Superior

310212 WesternLumaxLight™Enhance

310231 WesternLumaxLight™Sirius

-More sensitive signal than Thermo ECL or Pierce™ Super signal ECL.

-Perfect performance for x-ray film imaging and CCD imaging.

-Detecting petagram protein amounts.

-Signal will be last to 2 hours.

WesternLumaxLight™

Protocol

1.Prepare your protein blot on either PVDF or nitrocellulose using your standard technique.

2.Block membrane for one hour at room temperature(RT).

3.Incubate blot with primary antibody for one hour at RT with gentle agitation.

4.Wash blot with PBS-T or TBS-T:

1× quickly.

1× 15min,with 0.7ml/cm2 membrane each time.

5.incubate blot with secondary antibody for one hour at RT with gentle agitation.

6.Wash blot with PBS-T or PBS-T:

3×5min,with an least 0.5ml/cm2 membrane each time.

7.Mix WesternLumaxLight components 1:1 in sufficient amounts to obtain at least 0.1cm/ml2 of your membrane and place on blot for 2 minutes.

(For example,for a 7×9cm blot, mix at least 3.15ml of each component to obtain 6.3ml working reagent.)

8.Remove the membrane from the reagent and place it on the provided Background quenching sheet. Drain excess reagent by holding the sheet with the membrane vertically for a few moments.

9.Place the plastic sheet with the blot in your CCD imager and image.

If a very long exposure is required to detect weak bands,or if imaging will be done using X-ray film, cover the damp blot with plastic wrap.