

ECL Western Blotting Ultimate Sensitivity Substrate

Key Features

High Sensitivity

- detect targets down to low
-femtogram level — VQ4726
- detect targets down from low
-picogram to mid femtogram — VQ4727

Excellent Stability

24 hours working solution stability

Description

ECL Western Blotting Ultimate
Sensitivity Substrate (Femto)

Cat. No.

VQ4726-100
VQ4726-500

Size

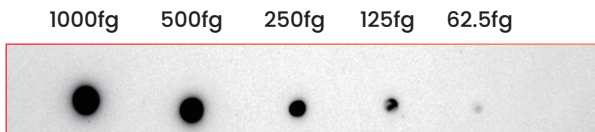
100mL
500mL

ECL Western Blotting Sensitivity
Substrate (Pico)

VQ4727-100
VQ4727-500

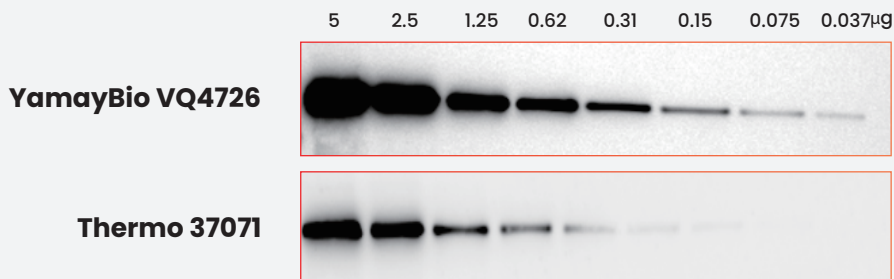
100mL
500mL

Ultra-high sensitivity at real femtogram level!



The 1 mg/mL actin-HRP antibody was serially diluted to obtain concentrations of 1000, 500, 250, 125, and 62.5 fg/μL. 1μL of each dilution was spotted onto an NC membrane. After spotting, the membrane was developed with YamayBio VQ4726 for 5 minutes.

Product Comparison

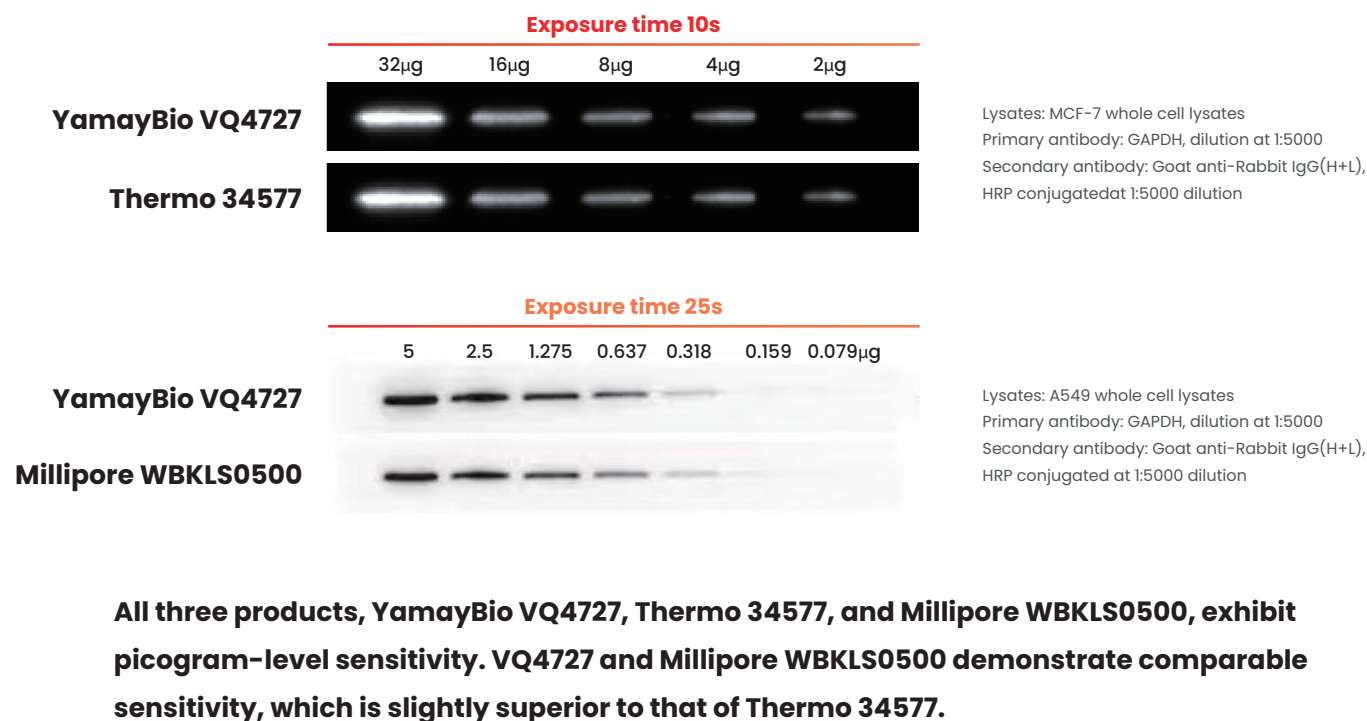


Lysate: A431 whole cell lysates
MW: GAPDH-36kD
Primary antibody: Anti-GAPDH, dilution at 1:5000
Secondary antibody: Goat anti-Mouse IgG(H+L), HRP
conjugated at 1:5000 dilution
Exposure duration: 10 seconds

YamayBio VQ4726 offers higher femtogram-level sensitivity than Thermo 37071.

ECL Western Blotting Sensitivity Substrate

Product Comparison



Tips for finding the perfect product

	Detection limit	Primary and secondary antibody dilutions (from 1mg/ml stock)	Features
VQ4626	Low to mid femtogram	Primary antibody 1:10,000 Secondary antibody 1:50,000-1:100,000	High sensitivity substrate for low-abundance protein targets
VQ4627	Low picogram to mid femtogram	Primary antibody 1:5,000 Secondary antibody 1:20,000-1:500,000	Ideal for routine western blotting, enabling accurate detection of both low and high abundance proteins