

ECL Western Blotting Ultimate Sensitivity Substrate

Key Features

High Sensitivity

VQ4726 enables detection down to the low-femtogram level

VQ4727 supports detection from low-picogram to mid-femtogram levels

Excellent Stability

Working solution remains stable for up to 24 hours

Description	Cat. No.	Size
ECL Western Blotting Ultimate Sensitivity Substrate (Femto)	VQ4726-100	100 mL
	VQ4726-500	500 mL
ECL Western Blotting Sensitivity Substrate (Pico)	VQ4727-100	100 mL
	VQ4727-500	500 mL

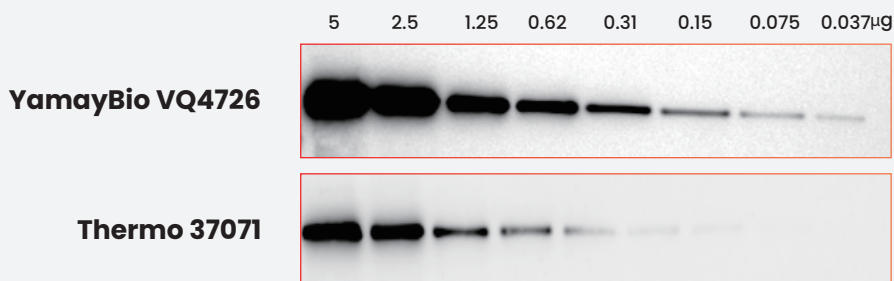
Ultra-high sensitivity at real femtogram level!

1000fg 500fg 250fg 125fg 62.5fg



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

Product Comparison

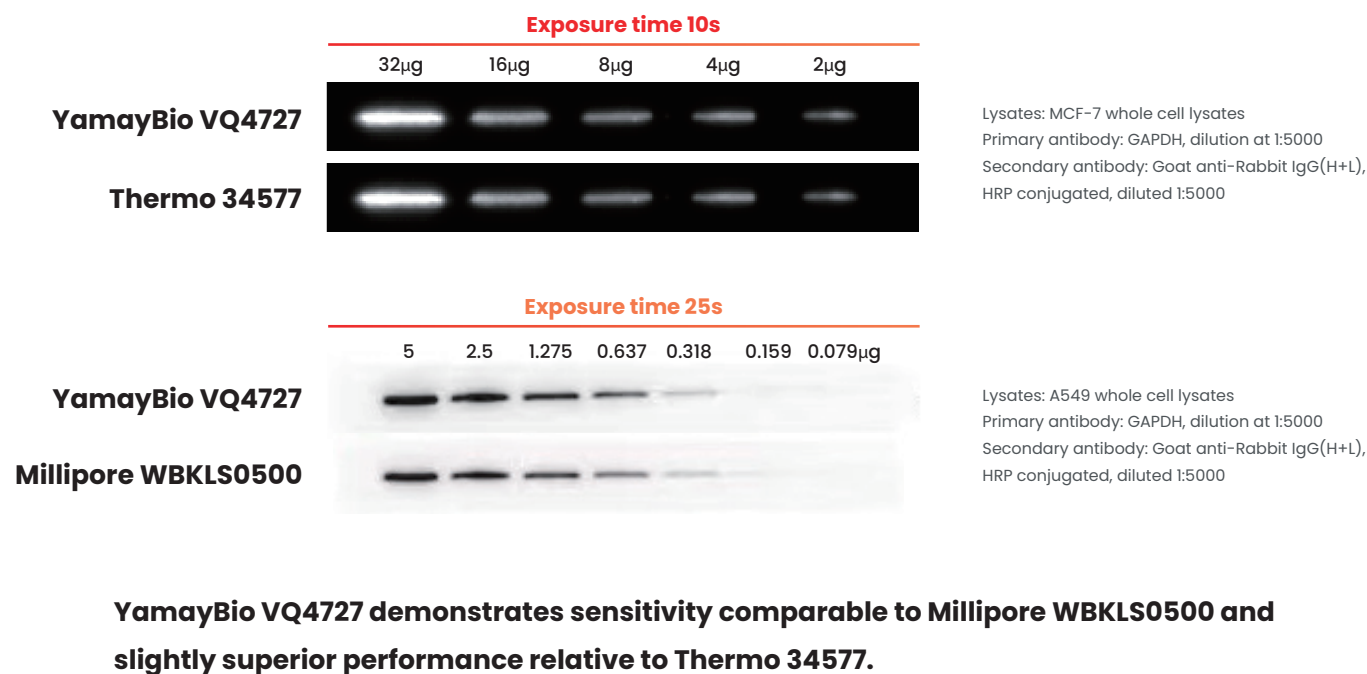


Lysate: A431 whole cell lysates
 MW: GAPDH-36kD
 Primary antibody: Anti-GAPDH, dilution at 1:5000
 Secondary antibody: Goat anti-Mouse IgG(H+L), HRP conjugated at 1:5000 dilution
 Exposure time: 10 seconds

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

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Product Comparison



Tips for finding the perfect product

	Detection limit	Recommended Antibody Dilutions (from 1mg/ml stock concentrations)	Applications
VQ4726	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
VQ4727	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