



Western Blotting Substrate Characteristics

Substrate	Product #	Measurement / Color	Dilution range of Ab (From 1 mg/ml stock)	Approximate Sensitivity*	Enzyme
SuperSignal West Pico	34080	425 nm chemiluminescent	1° 1:1K – 1:5K 2° 1:20K – 100K	1 pg	HRP
SuperSignal West Dura	34075	425 nm chemiluminescent	1° 1:1K – 1:50K 2° 1:50K – 250K	0.25 pg	HRP
SuperSignal West Femto	34095	425 nm chemiluminescent	1° 1:5K 2° 1:100K – 500K	60 fg	HRP
1-Step TMB - Blotting	34018	Dark blue ppt	1° 1:500 2° 1:2K-20K	1 ng	HRP
1-Step 4-CN	34012	Blue-purple ppt	1° 1:500 2° 1:2K-20K	1 ng	HRP
CN/DAB	34000	Black ppt	1° 1:500 2° 1:2K-20K	1 ng	HRP
DAB	34001	Brown ppt	1° 1:500 2° 1:2K-20K	1 ng	HRP
Metal Enhanced DAB	34065	Brown-black ppt	1° 1:500 2° 1:2K-20K	20 pg	HRP
1-Step NBT/BCIP	34042	Black-purple ppt	1° 1:500 2° 1:2.5K	30 pg	AP
1-Step NBT/BCIP + Suppressor	34070	Black-Purple ppt	1° 1:500 2° 1:2.5K	30 pg	AP
NBT	34035	Blue-purple ppt	1° 1:250 2° 1:2.5K	100 pg	AP
BCIP	34040	Blue-purple ppt	1° 1:250 2° 1:2.5K	100 pg	AP
Lumi-Phos Substrate	34150	440 nm chemiluminescent	1° 1:5K 2° 1:25K	15 pg	AP