

WesternBreeze Chromogenic kits

The Invitrogen™ WesternBreeze™ Chromogenic kits yield high-sensitivity results with extremely low background without the need for any additional equipment — just watch the signal develop over a short period of time. The kit uses the chromogenic phosphatase substrate BCIP and electron-transfer agent NBT to produce a dark blue precipitate at the precise site of enzymatic activity on the blot.

The WesternBreeze kit has been optimized to provide picogram sensitivity. Each kit includes ready-to-use and easy-to-dilute blockers, primary antibody diluent, wash solution, conjugated secondary antibody solution (either anti-mouse, anti-rabbit or anti-goat), substrate and two convenient incubation trays.

Features:

- **Clear background**
- **High sensitivity** — low picogram levels detectable
- **High specificity**
- **One simple protocol** — no optimization required

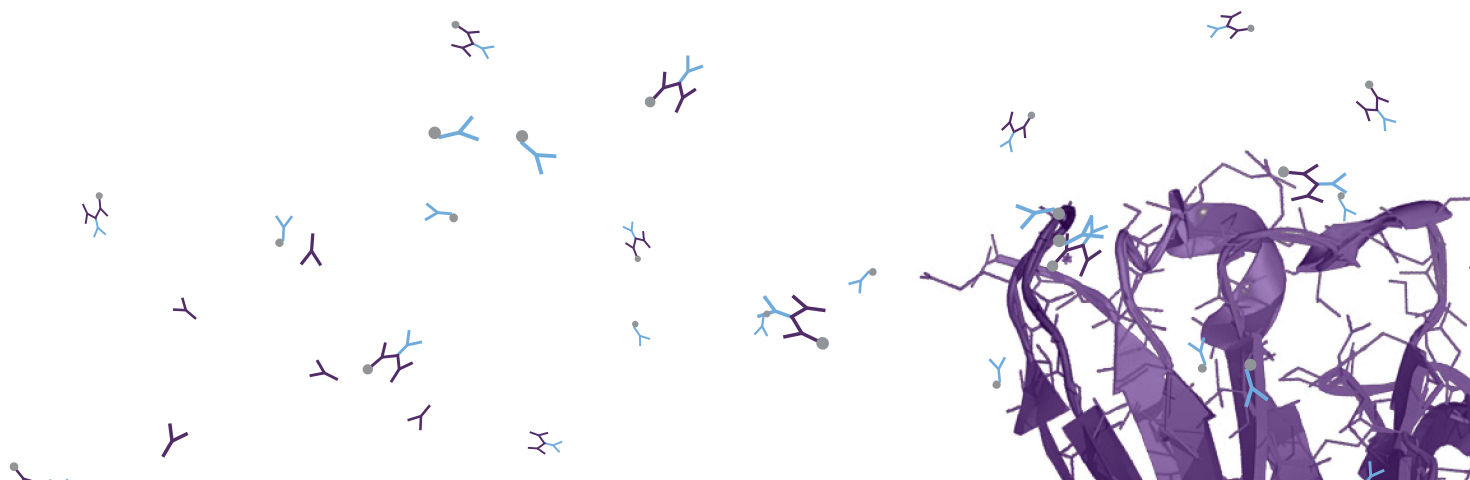
Pierce NBT and BCIP Substrates



Thermo Scientific™ Pierce™ NBT and BCIP Substrates are powders and ready-made solutions of nitro-blue tetrazolium and 5-bromo-4-chloro-3'-indolylphosphate for chromogenic blot and IHC staining with alkaline phosphatase probe, yielding an intense, insoluble black-purple precipitate. Pierce NBT and BCIP powders are available individually and in two convenient, ready-to-use Thermo Scientific™ Pierce™ 1-Step™ NBT/BCIP substrate solutions (with and without a levamisole suppressor of endogenous phosphatase activity).

Features:

- Best for immunoblotting applications
- Sensitive with low background and minimal assay-to-assay variability
- Choose individual NBT and BCIP substrate powders, or pre-formulated, ready-to-use Pierce 1-Step NBT/BCIP substrate solutions, with or without levamisole suppressor



Ordering information

Product	Quantity	Cat. No.
Chromogenic HRP substrates		
1-Step ABTS Substrate Solution	250mL	37615
1-Step Chloronaphthol Substrate Solution	250mL	34012
1-Step TMB-Blotting Substrate Solution	250mL	34018
1-Step Ultra TMB-Blotting Solution	250mL	37574
ABTS Substrate Tablets	50 tablets	34026
ABTS, powder	6 x 1mL	00-2001
ABTS, solution	500mL	00-2024
Chloronaphthol Substrate Powder (4-chloro-1-naphthol)	25g	34010
DAB Substrate Powder (3,3'-diaminobenzidine tetrahydrochloride)	10g	34001
DAB-Plus Reagent Set	12mL	00-2020
Novex HRP Chromogenic Substrate (TMB)	250mL	WP20004
Pierce CN/DAB Substrate Kit	275mL	34000
Pierce DAB Substrate Kit	275mL	34002
Stable DAB	250mL	750118
TMB	60mL	7588925
TMB	500mL	7588927
TMB Solution (BLOT)	500mL	00-2019
TMB Stabilized Chromagen	25mL	SB01
TMB Stabilized Chromagen	1L	SB02
TMB Substrate Solution	100mL	N301
Chromogenic AP substrates		
1-Step NBT/BCIP Substrate Solution	250mL	34042
1-Step NBT/BCIP plus Suppressor Substrate Solution	100mL	34070
BCIP Substrate Powder (5-bromo-4-chloro-3'-indolylphosphate p-toluidine)	1g	34040
BCIP-T	1g	R0821
BCIP-T	5g	R0822
BCIP/NBT KIT	1,000mL	00-2209
NBT	1g	R0841
NBT	5g	R0842
NBT Substrate Powder (nitro-blue tetrazolium chloride)	1g	34035
NBT/BCIP Reagent Kit	1 kit	N-6547
Novex AP Chromogenic Substrate (BCIP/ NBT)	250mL	WP20001

Product	Quantity	Cat. No.
WesternBreeze Chromogenic Kit, Anti-Goat	1 kit	WB7107
WesternBreeze Chromogenic Kit, Anti-Mouse	1 kit	WB7103
WesternBreeze Chromogenic Kit, Anti-Rabbit	1 kit	WB7105
Chemiluminescent HRP substrates		
Novex ECL Chemiluminescent Substrate Reagent Kit	2 x 125mL	WP20005
Pierce ECL Plus Western Blotting Substrate	100mL	32132
Pierce ECL Plus Western Blotting Substrate	300mL	32132X3
Pierce ECL Plus Western Blotting Substrate	25mL	32134
Pierce ECL Western Blotting Substrate	500mL	32106
Pierce ECL Western Blotting Substrate	50mL	32109
Pierce ECL Western Blotting Substrate	250mL	32209
SuperSignal West Dura Extended Duration Substrate	100mL	34075
SuperSignal West Dura Extended Duration Substrate	200mL	34076
SuperSignal West Dura Substrate Trial Kit	20mL	37071
SuperSignal West Femto Maximum Sensitivity Substrate	100mL	34095
SuperSignal West Femto Maximum Sensitivity Substrate	200mL	34096
SuperSignal West Femto Substrate Trial Kit	20mL	34094
SuperSignal West Pico Chemiluminescent Substrate	100mL	34077
SuperSignal West Pico Chemiluminescent Substrate	1L	34078
SuperSignal West Pico Chemiluminescent Substrate	500mL	34080
SuperSignal West Pico Chemiluminescent Substrate	200mL	34087
SuperSignal West Pico Trial Kit	50mL	34079
SuperSignal West Pico Complete Mouse IgG Detection Kit	1.5L	34081
SuperSignal West Pico Complete Rabbit IgG Detection Kit	1.5L	34084
SuperSignal West Pico Mouse IgG Detection Kit	500mL	34082
SuperSignal West Pico Rabbit IgG Detection Kit	500mL	34083