

## Cell Marque™ Tissue Diagnostics

## Staining Precision Starts with Great Companions

Surround your IHC staining with the same ancillary reagents and detection systems used to develop your favorite primary antibodies

Immunohistochemistry (IHC) staining requires precision and quality at every stage, resulting in the best care for patients. From pretreatment, to blocking, to detection, and more, experience results you can trust when using the Cell Marque™ portfolio for your entire IHC workflow.

**Pretreatment Reagents:**

Start every staining session with a quick 15-minute protocol with Trilogy™ and Declere™ tissue pretreatment solutions. These products combine 3 steps into 1 – deparaffinize, rehydrate, and unmask!

Description	Pretreatment	
	Trilogy™	Declere™
50 mL concentrate (20x)	920P-04	921P-04
200 mL concentrate (20x)	920P-06	921P-06
1 Liter concentrate (20x)	-	921P-09
1 Liter predilute	920P-09	-
1 Gallon predilute (USA only)	920P-10	-

**Ancillary Reagents:**

Selecting the right blocking reagent is important. Peroxide Block is used to block endogenous peroxide enzymes that naturally occur in tissue sections.

Description	Peroxide Block
15 mL predilute	925B-02
50 mL predilute	925B-03
100 mL predilute	925B-04
200 mL predilute	925B-05
1 Liter predilute	925B-09

Minimize non-specific antibody interactions with fit-for-purpose, ready-to-use IHC antibody diluents. Diamond: Antibody Diluent contains Tris (pH 7.3-7.7) with 1% BSA and <0.1% NaN<sub>3</sub>. Emerald: Antibody Diluent, a PBS-based antibody diluent, that can also be used to stabilize diluted antibodies when stored at 2-8 °C. Both are designed for the dilution and stabilization of all antibodies, and for the preparation of negative control.

Description	Diamond: Antibody Diluent	Emerald: Antibody Diluent
50 mL predilute	938B-03	936B-03
200 mL predilute	938B-05	-
250 mL predilute	-	936B-08
1 Liter predilute	938B-09	936B-09



It is essential to be able to trust your wash buffers to rinse slides of residual reagents. These wash buffers are designed to rinse reagents off slides and to provide a medium for short-term storage of IHC specimens in between the application of reagents.

Description	TBS IHC Wash Buffer with TWEEN® 20
200 mL concentrate	935B-06
1 Liter concentrate	935B-09

Description	PBS IHC Wash Buffer with TWEEN® 20
200 mL concentrate (20x)	934B-06
1 Liter concentrate (20x)	934B-09

Universal Negative Control Serum is used in IHC assays where both mouse and rabbit primary antibodies produce antigen specific recognition and binding.

Description	Universal Negative Control Serum
7 mL predilute	939B-01
25 mL predilute	939B-02



### Detection Reagents:

HiDef Detection™ 2-step polymer detection systems are highly sensitive and offered in both HRP and Alk Phos formulations. They are both compatible with manual and open automated platforms.

Description	HRP	Alk Phos
7 mL predilute	954D-10	962D-10
15 mL predilute	954D-50	-
50 mL predilute	954D-20	962D-20
100 mL predilute	954D-30	962D-30
1 Liter predilute	954D-40	-

DAB Substrate produces a brown precipitate that can be readily visualized using light microscopy.

Description	Cat. No.
150 tests	957D-50
500 tests	957D-20
1000 tests	957D-60
2000 tests	957D-30
5000 tests	957D-40

Permanent Red Chromogen produces a non-fading, bright red precipitate that can be readily visualized using light microscopy.

Description	Cat. No.
0.7 mL each of 3 reagents + 30 mL buffer	960D-10
2.3 mL each of 3 reagents + 100 mL buffer	960D-20

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