

BrightVision Ultimate plus, two component detection system, goat anti-Mouse/Rabbit IgG HRP plus DAB

Instruction For Use

These instructions apply to the WellMed BrightVision Ultimate plus; two steps detection system goat anti- Mouse/Rabbit HRP (ready-to-use) plus DAB.

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1: Intended Use

For In Vitro Diagnostic Use

WellMed BrightVision Ultimate plus two steps component detection system, peroxidase goat anti-mouse/rabbit IgG HRP and DAB, is intended for use in immunohistochemistry.

2: Summary and explanation

WellMed BrightVision Ultimate plus detection system, peroxidase, goat anti-mouse/rabbit HRP plus DAB, is a ready to use system that has been manufactured to give an optimal staining, when using the protocol advised in this IFU.

Prior to staining some routine fixed, paraffin-embedding tissue sections should be subjected to pre-treatment (HIER or digestive enzyme).

The BrightVision Ultimate plus detection system detects mouse or rabbit bound to an antigen in tissue sections. The antibodies are not provided but it is recommended to use the WellMed-antibodies. This polymer-complex is then visualized with a suitable substrate/chromogen by the substrate.

This product should be interpreted by a qualified pathologist with relevant clinical information, morphological and histological studies and with proper controls.

3: Kit component

BrightVision Ultimate plus, two steps detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB.

4: Availability

Catalog Number	Contents	Volume
UBVB55HRP	BrightVision Ultimate plus, two steps detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB <ol style="list-style-type: none"> 1. Post-blocking (ready-to-use) 2. Polymer goat anti-mouse/rabbit HRP (ready-to-use) 3. DAB Solution A: Buffered H₂O₂ (Ready-to-use) 4. DAB Solution B: Concentrated DAB solution 	55 ml 55 ml 83 ml 4 ml

UBVB110HRP	BrightVision Ultimate plus, two steps detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. Post-blocking (ready-to-use)	110 ml
	2. Polymer goat anti-mouse/rabbit HRP (ready-to-use)	110 ml
	3. DAB Solution A: Buffered H ₂ O ₂ (Ready-to-use)	165 ml
	4. DAB Solution B: Concentrated DAB solution	7,5 ml
UBVB500HRP	BrightVision Ultimate plus, two steps detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. Post-blocking (ready-to-use)	500 ml
	2. Polymer goat anti-mouse/rabbit HRP (ready-to-use)	500 ml
	3. DAB Solution A: Buffered H ₂ O ₂ (Ready-to-use)	750 ml
	4. DAB Solution B: Concentrated DAB solution	33 ml
UBVB1000HRP	BrightVision Ultimate plus, two steps detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. Post-blocking (ready-to-use)	1000 ml
	2. Polymer goat anti-mouse/rabbit HRP (ready-to-use)	1000 ml
	3. DAB Solution A: Buffered H ₂ O ₂ (Ready-to-use)	1500 ml
	4. DAB Solution B: Concentrated DAB solution	68 ml

5: Recommended Staining Protocol

Step	Reagent	Template step	Incubation time
1	Deparaffinize and rehydrate tissue section	Slide/tissue preparing	-
2	Wash buffer	PBS or TBS buffer	2x 5 min
3	If applicable; HIER or digestive enzyme	Pre-treatment	-
4	Wash buffer	PBS or TBS buffer	2x 5 min
5	Primary mouse or rabbit antibody	Antibody	30 min
6	Wash buffer	PBS or TBS buffer	2x 5 min
7	Detection system, step 1, post-blocking	Post-blocking	15 min
8	Wash buffer	PBS or TBS buffer	2x 5 min
9	Detection system, step 2, polymer Mouse/Rabbit HRP	Labeled polymer	30 min
10	Wash buffer	PBS or TBS buffer	2x 5 min
11	Substrate	DAB	8 min
12	Wash aqua dest	Wash	2x 2 min
13	Hematoxylin	Auxiliary	1 min
14	Wash aqua dest	Wash	-
15	Dehydrate and coverslipper	-	-

6: Control slides

A positive control, negative control and reagent control are needed and processed in the same way as the unknown specimen slide to interpret staining results.

7: Storage

Store at 2-8 °C and in the dark. Do not use after expiration date.

8: Warnings and precautions

Refer to SDS.

9: Troubleshooting

Please contact WellMed by phone or by email.

10: Reference

- 1) Shan-Rong Shi, James Guo, Richard J.cote, Lillian Young, Debra Hawes, Yan Shi, Sandra Thu and Clive R. Taylor, Applied Immunohistochemistry & Molecular Morphology, vol 7,201-208,1999

Note:

Preparation DAB: Add 40µl DAB Solution B (one drop) to 1 ml substrate Solution A, mix well. Volume and the quality of the Bright DAB has been formulized so they also can be used in automatic stainers, when a higher volume is required.