

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

## Instruction For Use

**These instructions apply to the WellMed BrightVision Ultimate; one step 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 one step components detection system, peroxidase goat anti-mouse/rabbit IgG HRP and DAB, is intended for use in immunohistochemistry.

### 2: Summary and explanation

WellMed BrightVision Ultimate 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 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 components

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

### 4: Availability

Catalog Number	Contents	Volume
UBVO55HRP	BrightVision Ultimate, one step detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. one step detection system, goat anti-mouse/rabbit HRP (ready-to-use)	55 ml
	2. DAB Solution A: Buffered H <sub>2</sub> O <sub>2</sub> (Ready-to-use)	83 ml
	3. DAB Solution B: Concentrated DAB solution	4 ml

UBVO110HRP	BrightVision Ultimate, one step detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. one step detection system, goat anti-mouse/rabbit HRP (ready-to-use)	110 ml
	2. DAB Solution A: Buffered H <sub>2</sub> O <sub>2</sub> (Ready-to-use)	165 ml
UBVO500HRP	BrightVision Ultimate, one step detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. one step detection system, goat anti-mouse/rabbit HRP (ready-to-use)	500 ml
	2. DAB Solution A: Buffered H <sub>2</sub> O <sub>2</sub> (Ready-to-use)	750 ml
UBVO1000HRP	BrightVision Ultimate, one step detection system, goat anti-mouse/rabbit HRP (ready-to-use) plus DAB	
	1. one step detection system, goat anti-mouse/rabbit HRP (ready-to-use)	1000 ml
	2. DAB Solution A: Buffered H <sub>2</sub> O <sub>2</sub> (Ready-to-use)	1500 ml
	3. 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	<b>Detection system, polymer Mouse/rabbit HRP</b>	Labeled polymer	30 min
8	Wash buffer	PBS or TBS buffer	2x 5 min
9	<b>Substrate</b>	DAB	8 min
10	Wash aqua dest	Wash	2x 2 min
11	Hematoxylin	Auxiliary	1 min
12	Wash aqua dest	Wash	-
13	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.