

BrightVision Ultimate, one component detection system Goat Anti- Mouse/Rabbit IgG HRP plus DAB (Ready-to-Use)

Instruction For Use

These instructions apply to the WellMed BrightVision Ultimate; one step detection system Goat Anti- Mouse/Rabbit HRP plus DAB (Ready-to-Use).

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1: Intended Use

For Research Use Only.

WellMed BrightVision Ultimate one step components detection system peroxidase Goat Anti-Mouse/Rabbit IgG HRP and DAB, is intended for use in immunohistochemistry for the detection of mouse or rabbit antibodies.

2: Summary and explanation

The 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.

The clinical interpretation of any staining or its absence should be determined by a qualified pathologist and complemented by morphologic studies; controls should be evaluated within the context of the patient's clinical history and/or other diagnostic tests.

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-RUO | BrightVision Ultimate, one step detection system, Goat Anti-Mouse/Rabbit HRP plus DAB (Ready-to-Use) <ol style="list-style-type: none"> 1. one step detection system, Goat Anti-Mouse/Rabbit HRP (Ready-to-Use) 2. DAB Solution A: Buffered H₂O₂ (Ready-to-Use) 3. DAB Solution B: Concentrated DAB solution | 55 ml 83 ml 4 ml |

| | | |
|----------------|--|---------|
| UBVO110HRP-RUO | BrightVision Ultimate, one step detection system, Goat Anti-Mouse/Rabbit HRP plus DAB (Ready-to-Use) | |
| | 1. one step detection system, Goat Anti-Mouse/Rabbit HRP (Ready-to-Use) | 110 ml |
| | 2. DAB Solution A: Buffered H ₂ O ₂ (Ready-to-Use) | 165 ml |
| | 3. DAB Solution B: Concentrated DAB solution | 7,5 ml |
| UBVO500HRP-RUO | BrightVision Ultimate, one step detection system, Goat Anti-Mouse/Rabbit HRP plus DAB (Ready-to-Use) | |
| | 1. one step detection system, Goat Anti-Mouse/Rabbit HRP (Ready-to-Use) | 500 ml |
| | 2. DAB Solution A: Buffered H ₂ O ₂ (Ready-to-Use) | 750 ml |
| | 3. DAB Solution B: Concentrated DAB solution | 33 ml |
| UBVO999HRP-RUO | BrightVision Ultimate, one step detection system, Goat Anti-Mouse/Rabbit HRP plus DAB (Ready-to-Use) | |
| | 1. one step detection system, Goat Anti-Mouse/Rabbit HRP (Ready-to-Use) | 1000 ml |
| | 2. DAB Solution A: Buffered H ₂ O ₂ (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 Aqua dest | Wash | 2x 5 min |
| 3 | If applicable; HIER or digestive enzyme | Pre-treatment | * |
| 4 | Wash buffer | PBS or TBS buffer | 2x 5 min |
| 5 | H ₂ O ₂ (concentration 3%) | Tissue preparing | 10 min |
| 6 | Wash buffer | PBS or TBS buffer | |
| 7 | Primary mouse or rabbit antibody | Antibody | 30 min |
| 8 | Wash buffer | PBS or TBS buffer | 2x 5 min |
| 9 | Detection system, polymer Mouse/rabbit HRP | Labeled polymer | 30 min |
| 10 | Wash buffer | PBS or TBS buffer | 2x 5 min |
| 11 | Substrate | DAB <small>see note</small> | 8 min |
| 11 | Wash aqua dest | Wash | 2x 2 min |
| 13 | Counterstain, dehydrate and coverslip | Auxiliary | 1 min |

* See applicable IFU

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 formulated so they also can be used in automatic stainers, when a higher volume is required.

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