

## BrightVision, two components colored detection system Goat Anti-Mouse/Rabbit IgG HRP (Ready-to-Use)

### Instruction For Use

**These instructions apply to the WellMed BrightVision; two steps colored detection system Goat Anti- Mouse/Rabbit HRP (Ready-to-Use).**

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#### 1: Intended Use

For in-vitro Diagnostic Use.

WellMed BrightVision two components colored detection system, peroxidase Goat Anti-Mouse/Rabbit IgG HRP - BGX, is intended for use in immunohistochemistry for the detection of mouse or rabbit antibodies.

#### 2: Summary and explanation

The BrightVision detection system peroxidase, Goat Anti-Mouse/Rabbit HRP, 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 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 substrate is not provided but it is recommended to use the WellMed-substrate.

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, two steps colored detection system, Goat Anti-Mouse/Rabbit HRP – BGX (Ready-to-Use).

#### 4: Availability

Catalog Number	Contents	Volume
c-B55HRP-BGX	BrightVision, two steps colored detection system, Goat Anti-Mouse/Rabbit HRP – BGX (Ready-to-Use) <ol style="list-style-type: none"> <li>1. Post-blocking (Ready-to-Use) (gold)</li> <li>2. Polymer Goat Anti- Mouse/Rabbit HRP (Ready-to-Use) (ruby)</li> </ol>	55 ml 55 ml

c-B110HRP-BGX	BrightVision, two steps colored detection system, Goat Anti-Mouse/Rabbit HRP – BGX (Ready-to-Use)	
	1. Post-blocking (Ready-to-Use) (gold)	110 ml
c-B500HRP-BGX	BrightVision, two steps colored detection system, Goat Anti-Mouse/Rabbit HRP – BGX (Ready-to-Use)	
	1. Post-blocking (Ready-to-Use) (gold)	500 ml
c-B1000HRP-BGX	BrightVision, two steps colored detection system, Goat Anti-Mouse/Rabbit HRP – BGX (Ready-to-Use)	
	1. Post-blocking (Ready-to-Use) (gold)	1000 ml
	2. Polymer Goat Anti- Mouse/Rabbit HRP (Ready-to-Use) (ruby)	110 ml
	2. Polymer Goat Anti- Mouse/Rabbit HRP (Ready-to-Use) (ruby)	500 ml
	2. Polymer Goat Anti- Mouse/Rabbit HRP (Ready-to-Use) (ruby)	1000 ml

## 5: Recommended Staining Protocol

Step	Reagent	Template step	Incubation time
1	Deparaffinize and rehydrate tissue section	Slide/tissue preparing	-
2	Wash Aquadest	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 <sub>2</sub> O <sub>2</sub> (concentration 3%)	Tissue preparing	10 min
6	Wash buffer	PBS or TBS buffer	2x 5 min
7	Primary mouse or rabbit antibody	Antibody	30 min
8	Wash buffer	PBS or TBS buffer	2x 5 min
9	<b>Detection system, step 1, post-blocking</b>	Post-blocking	10 min
10	Wash buffer	PBS or TBS buffer	2x 5 min
11	<b>Detection system, step 2, polymer Mouse/Rabbit HRP</b>	Labeled polymer	10 min
12	Wash buffer	PBS or TBS buffer	2x 5 min
13	Substrate	DAB	*
14	Wash aqua dest	Wash	2x 2 min
15	Counterstain, dehydrate and coverslip	Auxiliary	-

\* See applicable IFU

## 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

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- 4) Shi ZR, Au A, Soriano R et al: Non-Biotin Amplication (NBA) kit prevents nonspecific background staining of endogenous biotin induced by Heat Induced Epitope Retrieval (HIER) procedure. *The J Histotechnol* 23:327, 2000
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