S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and Mouse IgG (H+L), Ready to Use

Product Information

Product Name	Cat. No.	Spec.
S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and MouseIgG (H+L),Ready to Use	AO-03-G1303-10ML	10mL
	AO-03-G1303-100ML	100mL

Product Description

This productutilize a dextran backbone towhichmultiple HRP enzyme and antibodies molecules are conjugated. This polymer creates a highly sensitive,readily available and one-step non-biotin detection system for immunohistochemical and immunocytochemical staining.This system avoids the use of streptavidin and biotin,and therefore eliminates non-specific staining as a result of endogenous biotin..It has a wide adaptability to sample processing, reducing the variability caused by different tissue processing methods.The reagent is ready-to-use, which does not need to be diluted to obtain the best dyeing ratio, reducing experimental operation errors.

Storage and Shipping Conditions

Wet ice packs for transportation,store at2-8℃ for 12 months.

Product Content

Component Number	Component	AO-03-G1303-10ML	AO-03-G1303-100ML
AO-03-G1303	S-Vision Poly-HRP Conjugated Goat Anti-Rabbit and MouseIgG (H+L), Ready to Use	10mL	100mL
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Staining Process

1. **Manually IHC Staining**

Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (Recommendation G1128)	The sections were placed in BioDewax and Clear SolutionI10min-BioDewax and Clear Solution II10min-BioDewax and Clear Solution III10min-absolute ethanolI 5min-absolute ethanolII 5min-absolute ethanol III 5min-wash inpure water.
Antigen Retrieval	Citrate AntigenRetrieval Solution pH6.0(RecommendationG1202)	Microwave Heating: Heating to boiling,maintain a temperature above 98℃ for

	or EDTA Antigen Retrieval Solution pH 9.0 (Recommendation G1203)	15-20 min,and cooling to room temperature; Pressure cooker heating: Heat in the pressure cooker to air injection for 2 min; Note: The repair time is also related to the fixed time and the antigen epitope,so the conditions can be explored.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Dipping orincubate at room temperature for 10min. Wash the slide in PBS (pH 7.4) on a shaker 3 times for 5min each time.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared,and the tissue was completely covered by drops,and incubated at room temperature for 30min.
Primary antibody	commercializationPrimary antibody	Add aworking solution to completely cover the tissue,usually 100 μL,and incubate at 4℃ overnight or 37℃ for 2 hours.
Secondary antibody	S-vision poly-HRP conjugated antibody	Drop this product until tissue is completely covered,usually 100 μL,incubated at room temperature for 20min.
DAB staining	DAB Chromogenic Kit (Recommendation G1212)	Add the prepared DAB working solution to completely cover the tissue and develop color for 5-10min.
Hematoxylin staining	Hematoxylin Solution (Recommendation G1004) hematoxylin differentiation solution(Recommendation G1039) hematoxylin bluing solution(Recommendation G1040)	Thesections were directly stained into hematoxylin staining solution for 3-5 min and washed with water; then stained by hematoxylin differentiation solution for 2-5 s and washed with water; hematoxylinbluing solution for1min and washed with water.
Dehydration andMounting	Mounting Medium	75% alcohol 5min-85% alcohol 5min-absolute ethanolI5min-absolute ethanolII5min- n-butyl alcohol 5min-xylene I5min,Thesection were removed from xylene and mounting.

2. Automation in IHC

This protocol uses theServicebio IHC-48histochemical instrument for reference only. For other instruments, refer to the instructions for each instrument.

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Procedures	Reagent	Protocol
Dewax	BioDewax and Clear Solution (RecommendationG1128)	Dewax at 62℃ for3 min,repeated three times,Wash with absolute ethanol for 3 times and wash twice with pure water.
Antigen Retrieval	Antigen Retrieval Solution (For histochemical instrument)	Antigen Retrieval Solution (For histochemical instrument), Heat at 100℃ for 25 min and cool for 20 min.
Blocking of the endogenous peroxidases	3% Hydrogen peroxide	Incubate at room temperature for 10min.
Blocking	BSA (Recommendation GC305010)	The 3% BSA working solution was prepared,and incubated at room temperature for10min.
Primary antibody	commercializationPrimary antibody	Working solution was incubated at 37℃ for 15 – 30 min and washed three times with PBS.
Secondary antibody	S-vision poly-HRP conjugated antibody	incubated atRT for20 min and washed three times withPBS.
DAB staining	DAB Substrate Kit (RecommendationG1212)	Add the prepared DAB working solution and develop color for 5-10 min, washed three times withwater.
Hematoxylin staining	Mayer Hematoxylin Solution	Incubate at room temperature for 10min., washed three times withwater.
Dehydration andMounting	Mounting Medium	75% alcohol 5min- 85% alcohol 5min -absolute ethanolI 5min- absolute ethanolII 5min- n-butyl alcohol 5min -xylene I5min, Thesection were removed from xylene and mounting.

Note

1. This product is a ready-to-use reagent without dilution.
2. If the background is deep,the primary antibody can be diluted by gradient to obtain better results.
3. Wear protective equipment. for your safety.

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