SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

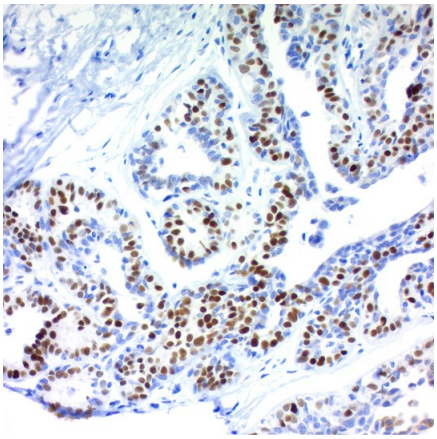
SensiTek HRP Anti-Polyvalent Staining System

Description: The SensiTek staining kit provides an unmatched combination of economy and sensitivity with incubation times of 20 minutes each for the Link Antibody and Enzyme Label.

Species of Origin: Goat
Antigen Specificity: Anti-Polyvalent (Mouse, Rat, Rabbit and Guinea Pig).
Preadsorbed Against: Human
Enzyme Conjugate: Horseradish Peroxidase
Chromogen Substrate: None Provided

Contains: 4x15ml Super Block.
4x15ml SensiTek Anti-polyvalent.
4x15ml SensiTek HRP.

Uses/Limitations:
Not to be taken internally.
For In-Vitro Diagnostic use.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.



Control Tissue: Any FFPE tissue.

Ordering Information and Current Pricing at www.scytek.com

Storage: Store at 2-8°C.

Precautions:
Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Recommended, But *Not* *Included*:

	Item #	Description
	PBE500	Phosphate Buffered Saline + Tween 20 (10x) pH 7.4
or	TBE500	Tris Buffered Saline + Tween 20 (10x) pH 7.5
	CPL500	Citrate Plus
	ADA500	Peroxide Block for Image
	ACT500	DAB Chromogen/Substrate Kit (High Contrast)
	HMM500	Hematoxylin, Mayer's (Lillie's Modification)
	BRT500	Bluing Reagent

Storage: 2° C 8° C

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Procedure:

1. Rehydrate tissue slides.
2. In a glass or plastic (Autoclavable) Coplin jar, add 5 ml of Citrate Plus (CPL) and 45 ml of deionized water. *(Not included)*
3. Submerge slides in diluted Citrate Plus and loosely cap.
4. Add Distilled water to bottom of Autoclave or Pressure Cooker (about 1 inch deep in Pressure Cooker).
5. Place Coplin jar in Pressure Cooker or Autoclave.
6. Turn heat on and allow pressure to rise to 20-25 PSI.
7. Maintain pressure at 20-25 PSI for 5 minutes.
8. Turn off heat source and allow to cool.
9. When pressure has dropped to ambient, carefully remove lid or open door.
10. Using tongs, remove Coplin Jar and place on counter.
11. Once Coplin Jar cools to room temperature remove slides, rinse several times in buffer and proceed with staining as usual.
12. Apply Peroxide Block for Image Analysis (ADA) and incubate slide for 10-15 minutes. *(Not included)*
13. Rinse 3 times in buffer.
14. Apply Super Block, and incubate for 5 minutes at room temperature to block nonspecific background staining. **Note:** Do not exceed 10 minutes or there may be a reduction in desired stain.
15. Rinse 3 times in buffer.
16. Apply primary antibody and incubate according to manufacturer's protocol.
17. Rinse 3 times in buffer.
18. Apply SensiTek Anti-Polyvalent and incubate for 20 minutes at room temperature.
19. Rinse 3 times in buffer.
20. Apply SensiTek HRP and incubate for 20 minutes at room temperature.
21. Rinse 3 times in buffer followed by 1 rinse in DI water.

WARNING: DAB is a suspected carcinogen. Handle with care and dispose of according to all regulations.

22. Add 1 drop (40-50ul) DAB Chromogen (ACB) to each 1ml of DAB Substrate High Contrast (ACU), mix by swirling and apply to tissue for 5 minutes. *(Not included)*
23. Rinse 1 time in DI water.
24. Apply DAB Chromogen/Substrate mixture and incubate for a second 5 minute period.
25. Rinse 3 times in buffer.
26. Apply Hematoxylin, Mayer's (HMM) and incubate for 1 minute. *(Not included)*
27 Rinse 3 times in distilled water.
28. Apply Bluing Reagent (BRT) and incubate for 5-10 seconds. *(Not included)*
29. Rinse immediately in distilled or deionized water.
30. Dehydrate slides and clear in xylene or xylene substitute.
31. Coverslip using a permanent mounting media. *(Not included)*

Storage: 2° C  8° C


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Troubleshooting Guide

Overstaining:

1. Concentration of the primary antibody was too high or the incubation time was too long.
2. Temperature during incubation was too high.
3. Incubation time with link antibody or streptavidin/enzyme label was too long.

Nonspecific Background Staining:

1. Rinsing between steps was inadequate.
2. Tissue was allowed to dry with reagents on.
3. Folds in tissue trapped reagents.
4. Tissue contains endogenous peroxidase.
5. Tissue contains endogenous biotin.
6. Antigen migrated in tissue.
7. Excessive tissue adhesive on slides.
8. Inadequate blocking with protein block.

Weak Staining:

1. Primary antibody concentration was too low or incubation time was too short.
2. Reagents are past their expiration date.
3. Inadequate removal of wash water between steps, resulting in dilution of reagents.
4. Counterstain or mounting media were incompatible and dissolved the chromogen reaction product.
5. Room temperature was excessively cool.
6. The primary antibody does not recognize an antigen that survives fixation and embedding in high enough amounts.
7. Excessive incubation with protein block (Super Block).

References:

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