



SPA – Società Prodotti Antibiotici S.p.A.

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Product: **HRP** - Ready to use reagent
Code: **MR HRP-6**
Lot:
Appearance: Stabilized buffered solutions. Vial 1, 2, 3
Manufacturing date:
Packaging: ml x vial

PRODUCT PROFILE

Vial 1 Normal Goat Serum (NGS, blocking solution)
Vial 2 Biotinylated secondary antibody, anti-mouse & rabbit IgG (H + L)
Vial 3 Horseradish Peroxidase/Modified Avidin (HRP) detection system

PROTOCOL

- ...
- Wash the section with buffer solution (TBS or PBS).
- Inhibition of endogenous peroxidase: 0.33% H₂O₂, 10 minutes.
- Wash the section with buffer solution, 2 x 5 minutes.
- * **Vial 1:** NGS (2 drops x section), 10 minutes.
- Primary antibody (monoclonal antibody from Mouse or polyclonal from Rabbit).
- Wash the section with buffer solution, 3 x 5 minutes.
- * **Vial 2:** biotinylated secondary antibody (2 drops x section), 10 minutes.
- Wash the section with buffer solution, 3 x 5 minutes.
- * **Vial 3:** HRP detection system (2 drops x section), 10 minutes.
- Wash the section with buffer solution, 3 x 5 minutes.
- Enzyme substrate solution: DAB, or any other suitable substrate.
- Counterstain with Harris's Haematoxylin solution, 30 seconds.
- Wash carefully with tap water.
- Dehydrate the section by passing through 2 changes of 95% ethyl alcohol, 2 changes of absolute ethyl alcohol and 2-3 changes of xylene (or a suitable clearing agent).
- Mount the section with DPX or with Kanadabalsam; examine the section under a light microscope.

Recommended storage conditions: 2-8 °C

Stability: 12 months

FOR GENERAL LABORATORY USE