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LEVAMISOLE SOLUTION

SKU: SP-5000-18



DESCRIPTION

Levamisole Solution, a competitive inhibitor of alkaline phosphatase, is provided in a convenient dropper bottle and can be added to the alkaline phosphatase substrate solution. Tissues can contain endogenous alkaline phosphatase activity that will produce background staining if an alkaline phosphatase detection system and substrate are used.

Features:

- Does not inhibit the isoenzyme used for alkaline phosphatase detection
- 100x concentrate

SPECIFICATIONS

Blocking Action	Endogenous Alkaline Phosphatase
Format	Concentrate

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Unit Size	18 ml
Storage Instructions	2-8 °C
Usage Summary	Levamisole is a reversible inhibitor of alkaline phosphatase, effective against most forms of alkaline phosphatase other than the intestinal isoenzyme. Since the intestinal form of the enzyme is used as the marker enzyme in the VECTASTAIN®ABC-AP Kit, levamisole can be used to inhibit endogenous alkaline phosphatase in most cases.
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, In situ hybridization
Concentration	125 mM

TECHNICAL INFORMATION

Levamisole does not inhibit the isoenzyme used for either the VECTASTAIN® ABC-AP reagents or other alkaline phosphatase conjugates.

One drop of levamisole concentrate is added to 5 ml of substrate solution.

CITATIONS

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DOCUMENTS

- User Guide
- In Situ Hybridization Detection Protocol
- Safety Data Sheet
- Download CoA
- Datasheet

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