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## Endogenous peroxidase blocking solution

### PRESENTATION:

The presentations for this product are:

Reference	Volumen (mL)
MAD-021540Q	18
MAD-021540Q-125	125
MAD-021540Q-250	250

**INTENDED USE:**  Product for in vitro diagnostic use

### SPECIFICITY, INTERFERENCE AND LIMITATIONS:

By its design, the hydrogen peroxide solution is used for immunohistochemical techniques and is designed to block endogenous peroxidase, which can cause nonspecific background staining with enzymatic labeling methods. The total suppression of peroxidase activity in red blood cells can be difficult.

### APPLICATIONS:

Different methods are recommended to inhibit endogenous peroxidase activity in tissue sections, although some of these systems have not been proved satisfactory in those tissues containing a high level of endogenous peroxidase, especially in cryostat sections of small intestine tissue. This solution "Ready to use" effectively removes the endogenous peroxidase activity without interfering immunostaining.

### PRODUCT COMPOSITION:

Hydrogen peroxide 0.3% with sodium azide 0.1%.

### RECOMMENDATIONS FOR USE:

The hydrogen peroxide solution may be applied after dewaxing and rehydration of tissue sections, but should always be used prior to the primary antibody incubation. For inhibition of endogenous peroxidase in formalin-fixed paraffin embedded tissues should be cover and incubated for 10-15 minutes at room temperature with hydrogen peroxide solution. After incubation, rinse twice with TBS buffer. For serial staining, put the product on a staining tray and immerse the slide deck for 5 or 10 minutes. After 5 or 10 uses, change with a freshly prepared solution. This step can be performed at the time of dewaxing.

### SAFETY RECOMMENDATIONS

This product is intended for laboratory professional use only. The product is NOT intended to be used as a drug or for domestic purposes. The current version of the Safety Data Sheet for this product can be downloaded by searching the reference number at [www.vitro.bio](http://www.vitro.bio) or can be requested at [regulatory.md@vitro.bio](mailto:regulatory.md@vitro.bio).

### STORAGE:

Store refrigerated at 2 to 8 ° C until the expiry date of the product.