

Please note this data sheet has been changed effective October 24, 2014

## Thermo Scientific UltraVision Protein Block

### INTENDED USE

For In Vitro Diagnostic Use. The Thermo Scientific UltraVision™ Protein Block is intended for use in immunohistochemical assay to reduce nonspecific background staining.

<b><u>AVAILABILITY:</u></b>	<u>Catalog #</u>	<u>Volume</u>
	TA-999-PBQ	1 liter

### DESCRIPTION

The UltraVision Protein Block has been developed for use in immunohistochemical assays. It is applied to the tissue sample prior to the application of the primary antibody to reduce nonspecific background staining while simultaneously reducing the handling of animal serums in the laboratory. The need to match species with the secondary antibody is eliminated with the use of this product. The UltraVision Protein Block comes ready-to-use and requires no mixing or diluting. The UltraVision Protein Block may be used for other immunoassay upon optimization and verification by the end user.

### WARNINGS & PRECAUTIONS

Refer to MSDS.

### STORAGE & SHELF LIFE

Store at 2-8°C. Refer to product label for expiration date. The product performance should be verified prior to use if the product was stored outside of the manufacturer's recommendations.

### MICROBIOLOGICAL STATE

Product(s) not sterile.

### SPECIMEN & REAGENT PREPARATION

Refer to the immunohistochemistry procedures on any of the Thermo Scientific detection system datasheets.

### IMMUNOHISTOCHEMISTRY PROCEDURE

1. Dewax (deparaffinize) and rehydrate tissue section.
2. Rinse with buffer.
3. If required, incubate tissue in appropriate pretreatment or digestive enzyme.
4. Rinse with buffer.
5. To reduce nonspecific background staining due to endogenous peroxidase, incubate slide in UltraVision Hydrogen Peroxide Block (TA-xxx-H2O2Q) for 10 minutes.
6. Rinse with buffer.
7. Apply **UltraVision Protein Block** and incubate for 5 minutes to block nonspecific background staining.  
**NOTE:** Do not exceed 10 minutes or there may be a reduction in desired stain. (May be omitted if primary antibodies are diluted in buffers containing blocking reagents.)
8. For bulk staining, pour **UltraVision Protein Block** in a covered staining tray and dip slides for 5 minutes.
9. Blow step is recommended in protocols set up on Thermo Scientific Autostainer.
10. Continue executing remaining steps of the immunohistochemistry protocol.

### REFERENCES

N/A



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**TROUBLESHOOTING**

Please contact Thermo Fisher Scientific Technical Support by phone 1-800-522-7270 or 269-544-5600, or by email at [lab.reagents@thermofisher.com](mailto:lab.reagents@thermofisher.com).



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