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TECHNICAL DATA SHEET 847

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20X 10mM Citrate Buffer Kit, pH 6.0

for antigen retrieval FFPE, and resin

DESCRIPTION

Formalin fixation forms protein cross-links that can mask the antigenic sites in tissue specimens, thereby creating weak or false negative staining for immunohistochemical detection of certain proteins. There are currently several antigen retrieval methods commonly used and the protocols below only intended as a general guide. Polysciences, Inc. provides AR buffer kits, that include rinses and pH adjustment reagents for the 20X concentration kit. These kits are recommended for formalin fixed paraffin embedded tissues.

1. Place slides in 500ml of buffer (use a microwavable container)
2. Microwave on high for 15 minutes without a lid or cover with vented cling-film and heat at 90°C for 10 minutes (buffer must not boil)
3. Let sections stand for 15 minutes to cool
4. Wash in Tris Buffered Saline (Cat. #24082) and proceed with staining protocol

STORAGE AND HANDLING

Shipment

Room temperature

Storage

Room temperature

Safety

Refer to MSDS for details

All values are considered typical based on tests believed to be accurate. Polysciences, Inc. may change the data as appropriate.

ORDERING INFORMATION

Cat. #	Description
25079	20X 10mM Citrate Buffer Kit, pH 6.0 (for antigen retrieval FFPE and resin)

TO ORDER

In The U.S. Call:	1(800) 523-2575 • (215) 343-6484
In The U.S. Fax:	1(800) 343-3291 • (215) 343-0214
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