

TBS LOADING BUFFER

REF 014-3003-010

10X Concentrate ■ 500 mL

REF 014-3003-001

1X Concentrate ■ 500 mL

INSTRUCTIONS FOR USE

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INTENDED USE

For laboratory use.

TBS Loading Buffer is intended for use as a loading buffer for holding microscope slides prior to immunohistochemical staining. After deparaffinization, slides containing test tissue may be held in Loading Buffer prior to placing test slides onto the Celerus Wave® or Celerus Wave® RPD System for immunohistochemical staining.

Immunohistochemistry is used in the classification of normal and abnormal cells/tissues and serve as an adjunct to conventional histopathology.

The clinical interpretation of any positive staining or its absence should be complemented by morphological and histological studies with proper controls. Evaluations should be made by a qualified individual in conjunction with the patient's clinical history and other diagnostic test results.

Refer to the Celerus Wave® or Celerus Wave® RPD Operator's Manual for additional information concerning Materials Required but Not Provided; Storage; Staining Procedure; Troubleshooting; Interpretation of Staining; and General Limitations.

PRINCIPLE OF PROCEDURE

Immunohistochemistry is a multi-step process to identify specific cell markers within tissue biopsies or tumor specimens. The sequential steps include target retrieval (optional), antibody application, and antibody visualization followed by optional counterstaining. Specimens are then coverslipped and observed under light microscopy by trained personnel. Normally, multiple antibodies are tested to determine lineage and cell cycle markers.

The Celerus Wave® and the Celerus Wave® RPD are automated instruments that perform immunohistochemistry stains. For further information on the staining procedure, refer to the Celerus Wave® or Celerus Wave® RPD Operator's Manual.

MATERIALS AND METHODS

Reagent Preparation (014-3003-010)

Prepare a working solution of TBS Loading Buffer by diluting the concentrate 1:10 with distilled or deionized water. Stir gently for at least 10 minutes. The working solution is stable for three months when properly stored at 2–8 °C.

Reagent Preparation (014-3003-001)

The TBS Loading Buffer is ready to use. No preparation is required.

PRECAUTIONS

1. For professional users.
2. Minimize microbial contamination of reagents or an increase in nonspecific staining may occur.
3. As with any product derived from biological sources, proper handling procedures should be used.
4. A Material Safety Data Sheet is available for professional users on request.
5. ProClin 950 is classified per applicable European Community (EC) Directives as: Irritant (Xi). The following are the appropriate Risk (R) and Safety (S) phrases.

R36 Irritating to eyes

R43 May cause sensitization by skin contact

S24 Avoid contact with skin

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S35 This material and its container must be disposed of in a safe way

S37/39 Wear suitable gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label.









LIMITATIONS

TBS Loading Buffer should be stored at 2–8 °C to inhibit bacterial growth. Avoid vigorous agitation to minimize foaming. The diluted 10X Loading Buffer can be stored at 2–8 °C for up to three months. Do not use if Loading Buffer becomes turbid.

WASTE DISPOSAL

Adhere to all local laws when disposing of this product.

EXPLANATION OF SYMBOLS

REF Catalog Number	 Temperature Limitations	LOT Batch Code	 Sufficient for <n> Tests	 Harmful, Irritant	 Warning
IVD In Vitro Diagnostic Medical Device	 Use By	 European Conformity	EC REP EC Representative	 Manufacturer	 Refer to Instructions for Use