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TBS Tween 20 Buffer 10X

PRESENTATION

Concentrated (10x) buffered saline, with a final pH of 7.50¹. The presentations for this product are as follows:

Reference	Concentrated volume (mL)	Final volume (mL)
MAD-004077R	100	1000
MAD-004077R-5	500	5000
MAD-004077R-10	1000	10000

SPECIFICITY, INTERFERENCES AND LIMITATIONS:

In any immunohistochemical procedure, any antiserum that is not bound to the antigen during an incubation must be removed before proceeding to the next one; this is performed by washing with the chosen buffer.

In order to obtain good results in immunohistochemical techniques, it is essential that the antisera adequately penetrate and reach the antigens to be detected. To counteract the poor penetration of some conjugates, detergents such as Tween 20, which permeabilize membranes, can be used.

APPLICATIONS:

TBS-Tween 20 is a buffered saline used as a wash solution in many immunohistochemical and *in situ* hybridization procedures. Tween 20 acts by permeabilizing membranes and favouring antisera penetration in the section. It is particularly useful when working with intact cells from touch preparations, smears and monolayer cell cultures or with frozen or paraffin-embedded thick sections.

PRODUCT COMPOSITION:

The composition of the 10x concentrated product is: Tris-HCl 500 mM, NaCl 3M, 0.5 % Tween 20, pH 7.5.

RECOMMENDATIONS FOR USE:

Before start using the product: This solution is 10x concentrated, so before its use it must be diluted 1:10 with double-distilled or deionized water (1 part of buffer and 9 parts of water).

SAFETY RECOMMENDATIONS

This product is intended only for professional use in a laboratory, not as a drug, for domestic use or for other purposes. The current version of the Safety Data Sheet for this product can be downloaded by searching its reference on www.vitro.bio or it can be requested at regulatory@vitro.bio.

¹ For use in *in vitro* diagnosis

STORAGE:

Store at room temperature away from intense heat/cold sources until the expiry date of the product.

BIBLIOGRAPHY:

Manual de Laboratorio de Anatomía Patológica. Dr. Raimundo García del Moral. 1993. Edit: McGraw-Hill / Interamericana de España, S.A.U

LABEL AND BOX SYMBOLS

Explanation of the symbols of the product label and box:

	Health product for in vitro diagnosis.		Expiration date
	Catalog number		Temperature limit
	Lot code		Manufacturer
	Refer to the instructions of use		Sufficient content for <n> assays
	Material safety data sheet		