CE EC REP Emergo Europe, Westervoortsedijk 60, 6827 AT Arnhem, The Netherlands

WASH BUFFERS

Catalog No.	Description
HK098-5KE	Tris Buffer (Powder form)
HK091-5KE	PBS Solution 20X Concentrated (100ml)
HK091-9KE	PBS Solution 20X Concentrated(500ml)

Intended Use

For In Vitro Diagnostic Use. Wash buffers are intended for in vitro diagnostic use in immunohistochemistry (IHC) and *in situ* hybridization (ISH) procedures.

Summary and Explanation

BioGenex provides several options for wash buffers both for manual and automation use. Wash buffers are used in immunohistochemistry and in situ hybridization assays to remove the excessive reagents and also non-specifically bound reagents. The buffers should not affect the specific binding of the reagents like antigen-antibody binding, probe hybridization etc. The pH, salt concentrations and detergent concentrations in BioGenex wash buffers are maintained at the optimal levels to achieve best signal to noise.

Storage and Handling

Store all reagents at 20-26°C. Do not use after expiration dates as indicated on the reagent labels.

Principles of the Procedure

IHC and ISH staining procedures require multiple steps of incubations with various reagents for specified amounts of time. Following these steps the reaction needs to be stopped by washing away the reagent. Washing steps also remove any antibody or probe that is non-specifically attached to the tissues.

Reagents Required but Not Supplied

Distilled water is required for diluting the wash buffers. See antibody and detection kit datasheet for complete set of reagents required for immunohistochemistry (IHC) or *in situ* hybridization (ISH) procedures.

Recommended Protocol

Refer to the antibody and detection kit datasheets for complete staining protocols and washing steps. User should follow BioGenex recommendations and validate any other conditions.

Concentrated buffers are diluted to 1X using distilled water and powdered buffer should be diluted according to the directions given on pouch. For better results, shake the concentrated buffer well before diluting it.

Precautions

Not regarded as a health or environmental hazard under current legislation.

Quality Control

Refer to the appropriate detection system package inserts for guidance on general quality control procedures.

Troubleshooting

Refer to the troubleshooting section in the package inserts of BioGenex Super Sensitive™ Detection Systems (or other equivalent detection systems) for remedial actions on detection system related issues, or contact BioGenex Technical Service Department at 1-800-421-4149 or customer.service@biogenex.com to report unusual staining.

Expected Results

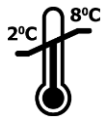
Staining with IHC and ISH should result in deposition of colored chromogen pigment at the site of specific interaction with minimal to no non-specific background.

Performance Characteristics

BioGenex has conducted studies to evaluate the performance of all its wash buffers using several BioGenex IHC and ISH procedures. BioGenex wash buffers have shown reproducible and consistent results. The products have been determined to be stable for the periods specified on the labels either by standard real time or accelerated testing methods. BioGenex ensures product quality through 100% quality control for all products released and through surveillance programs.

Limitations of the Procedure

Refer to the appropriate detection system package inserts for guidance on limitations of the procedure.

	Temperature Limitation		In Vitro Diagnostic Medical Device
	Use By Date		Batch Code
	Non-Sterile		Consult Instructions for Use
	Representative in the European Community		Manufacturer