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WASH BUFFERS

Doc. No. 932-HK091 Rev. A
Release Date: 13-May-2014

ENGLISH

Intended Use

Wash buffers are intended for in vitro diagnostic use in immunohistochemistry (IHC), in situ hybridization (ISH) or special staining procedures.

Summary and Explanation

BioGenex provides several options for wash buffers both for manual and automated 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.

Principles of the Procedure

IHC, ISH and special 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, probe or special stain that is non-specifically attached to the tissues.

Reagents Provided

Catalog No.	Description
HK091-5K	PBS Solution
HK098-5K	Tris Buffer
HK583-5K	Super Sensitive™ Wash Buffer
HK755-5K	Special Stain Wash Solution

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.

Storage and Handling

Store all reagents at 2-8°C. Do not use after expiration dates as indicated on the reagent labels.

Precautions

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

Staining 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. For better results, shake well the concentrated buffer before diluting it.

Quality Control

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

Trouble shooting

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 (925) 275-0550 to report unusual staining.

Expected Results

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

Limitations of the procedure

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

Performance Characteristics

BioGenex has conducted studies to evaluate the performance of all its wash buffers using several BioGenex IHC, ISH and special stain 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.



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In Vitro Diagnostic Medical Device
Dispositivo medico-diagnostico in vitro
In Vitro Diagnostikum
Producto sanitario para diagnóstico in vitro



Consult Instructions for use
Consultare le istruzioni per l'uso
Gebrauchsanweisung beachten
Consulte las instrucciones de uso



Temperature Limitation
Limiti di temperatura
Zulässiger Temperaturbereich
Limite de temperatura



Manufacturer
Fabricante
Hersteller
Fabricante