P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Phosphate Buffered Saline (10x) pH 7.4

Description:

ScyTek Wash buffer formulations are an optimal formulation of pH stabilizers, salts and detergents designed to effectively remove excess material from the microtiter plate wells without disrupting the ELISA binding reaction. By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background and increasing the specific signal. Our Wash buffers do not contain hazardous preservatives such as Azide or Mercury that may interfere with antibody-antigen binding interactions. For your convenience wash buffer is offered in a wide variety of formulations to meet the needs of your specific ELISA application. This product can be customized to meet the specific needs of your assay. Inquire about custom vialing, labeling, kit assembly and drop shipping.

Contents:

Phosphate buffered saline in reagent grade water with diluted concentrations of Sodium Chloride, NaCl: 0.15M; Sodium Phosphate, Na_2HPO_4: 8mM; Potassium Chloride, KCl: 3mM; Potassium Phoshphate, Monobasic, KH_2PO_4: 2mM. Final pH of concentrated buffer is 7.4±0.05, diluted buffer is 7.9±0.2. This product is filtered to 0.2 microns.

Availability:

REF #	Volume	Diluted Volume
PBD500	500 ml	5 Liters
PBD999	1000 ml	10 Liters
PBD010	10 Liters	100 Liters
PBD-20000	20 Liters	200 Liters

Uses/Limitations:

Not to be taken internally.
For In-Vitro Diagnostic use.
For professional use.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com

Precautions:

Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Storage: 18° C – 25° C

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Procedure:

1. Pour 50ml of Phosphate Buffered Saline (10x) pH 7.4 in mixing flask and add water to final volume of 1000ml.
2. Stir briefly.

References:

1. Adali G, Yorulmaz E, Ozkanli S, Ulasoglu C, Bayraktar B, Orhun A, Colak Y, Tuncer I. Serum concentrations of insulin-like growth factor-binding protein 5 in Crohn's disease. World Journal of Gastroenterology: WJG. 2013 Dec 21;19(47):9049.
2. Yun HY, Sung R, Kim YC, Choi W, Kim HS, Kim H, Lee GJ, You RY, Park SM, Yun SJ, Kim MJ. Regional distribution of interstitial cells of Cajal (ICC) in human stomach. The Korean Journal of Physiology & Pharmacology. 2010 Oct 1;14(5):317-24.
3. Cui Z, Mumper RJ. Chitosan-based nanoparticles for topical genetic immunization. Journal of Controlled Release. 2001 Aug 10;75(3):409-19.

Warranty:

No products or "Instructions For Use (IFU)" are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our IFU or website. Our warranty is limited to the actual price paid for the product. ScyTek Laboratories, Inc. is not liable for any property damage, personal injury, time or effort or economic loss caused by our products. Immunohistochemistry is a complex technique involving both histological and immunological detection methods. Tissue processing and handling prior to immunostaining can cause inconsistent results. Variations in fixation and embedding or the inherent nature of the tissue specimen may cause variations in results. Endogenous peroxidase activity or pseudoperoxidase activity in erythrocytes and endogenous biotin may cause non-specific staining depending on detection system used.

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