Phosphate Buffered Saline

10x pH7.4

- Intended Use -

CDI's 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.

- General Information -

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, Na_2HPO_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.

- 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.

- General Precautions -

Avoid contact with skin and eyes. Harmful if swallowed. Follow all Federal, State, and local regulations regarding disposal. Store at Room Temperature (18°C – 25°C)

- Procedure -

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

- Packaging -

Catalog#	Volume
SSC1180-500	500mL
SSC1180-1000	Liter (1000mL)

- 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.

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