



Product Data Sheet

Phosphate Buffered Saline (PBS) concentrate (20X)

Cat. No. 80081 **Size:** 50 ml 100 ml 4 x 50 ml **Form:** 20X Solution
Storage: Store at 4⁰C

Introduction

Antigen or antibody coating on ELISA plates is the first step in ELISA. This is followed by washing off the unbound antigens. This step is also necessary after the incubation of plates with primary antibody and enzyme conjugates. This wash buffer can be used to remove unbound or non-specific binding of antigen/antibody/conjugates in ELISA. It is also suitable for use in removing non-specific binding in Western blotting procedures.

Form

The buffer concentrate is provided as 20 X solution preserved in 0.1% azide as preservative. Therefore, care should be taken when disposing this solution. Some salts may crystallize upon storage in cold but redissolves after dilution.

Recommended Use

ELISA, Western or other application where PBS is required.

A Material Safety Data Sheet is not required for this product.

The above product contain natural purified proteins in a buffer containing 0.02% sodium merthiolate or 0.05% azide. MSDS can be consulted for these two items.

The product does not contain any hazardous components above 1% or any carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard.

Please note that although the product is defined as not hazardous, it is still advisable to follow prudent laboratory practices when handling laboratory reagents. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, diagnostic, drug, and household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. ADI shall not be held liable for any damage resulting from handling or contact with the above product.

Related items available from ADI

Catalog#	ProdDescription
80012	High binding ELISA Strips plates (8 wellsx12 strips)
80050	ELISA Plate Coating buffer concentrate (10X)
80060	ELISA Plate Blocking Buffer concentrate (10X) BSA-based
80062	ELISA Plate Blocking Buffer concentrate (10X) milk-based
80070	Antibody and Conjugate Diluent for ELISA concentrate (10X)
80080	Wash buffer concentrate (20X) for ELISA
80081	Phosphate Buffered Saline (PBS, pH 7.4) concentrate (20X)
80091	TMB substrate (1-component) for ELISA
80100	Stop solution for TMB substrate (ELISA) concentrate (10X)
80110	Single solution TMB substrate (membrane) solution for western blot
80160	Rabbit Serum Antibody detection ELISA kit, Qualitative (mouse, goat, sheep, monkey, human, chicken kits are also available)
80081	80228A