



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 |