



Product Data Sheet

Antigen blocking and stabilizing buffer for ELISA plates (bovine protein formulation) (for 10-20 plates)

Cat. No. 80064

Size: 100 ml

Storage: Store at 4⁰C

Antigen or antibody coating on ELISA plates is commonly used as the first step in ELISA. This is followed by the blocking of the excess protein binding sites in the microwell not occupied by the coated antigen/ antibody. Alpha Diagnostic International Blocking Buffer has been specially formulated to serve two important functions: to block the excess protein binding sites on ELISA plates and to stabilize the coated antigen or antibody on the plate. The ELISA plates blocked with this solution can be stored dried and then stored at 4⁰C for an extended period of time (1 year or more).

Form

The blocking buffer concentrate is formulated using mammalian protein and other proprietary stabilizing agents. It contains 0.02% merthiolate as preservative. **It should not be used in applications where BSA interferes with the assay.** A non-mammalian protein formulation is also available (#80065).

Recommended Use

After coating the antigens on the ELISA plates, wash once with an appropriate wash buffer and add 50-100 µl of solution per well and incubate plates for a minimum of 1 hr at room temp. Typically, antigens are coated in 50 ul or 100 ul volume. We recommend to use the same volume of blocking and stabilizing buffer as the coated antigen. After incubation, aspirate solution and air dry ELISA plates without washing. After drying, plates can be stored at 4⁰C in a sealed bag with desiccants.

The blocking buffer is most compatible with high protein binding ELISA plates (Cat. No. 80011). It is not recommended for other applications such as membrane blocking (Western blotting, etc.).

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, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

This product is for in vitro research use only.

Related items available from ADI

Catalog#	Product Description
80064	Antigen blocking and stabilizing buffer for ELISA plates (bovine protein formulation) (for 10-20 plates)
80065	Antigen blocking and stabilizing buffer for ELISA plates (non-bovine protein formulation) (for 10-20 plates)
HRPS-100	Antibody/Protein-Peroxidase-Conjugate stabilizer solution (BSA-formulation)
HRPS-101	Antibody/Protein-Peroxidase-Conjugate stabilizer solution (non-BSA-formulation)
PRTS-100	Coating Antibody or Protein stabilizer solution (10X)
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)

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