



Blocking Buffer Concentrate

Cat. No. 80060
Lot No. 51012

Size: 1 x 50 ml
Storage: Store at 4°C

Form: 10X Solution

Product Data Sheet

Introduction

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 at 4°C for an extended period of time.

Form

The blocking buffer concentrate is formulated using BSA and contains 0.02% merthiolate as preservative. **It should not be used in applications where BSA interferes with the assay.** (gelatin containing blocking buffer, catalog no. 80061, or milk-based buffers are also available from Alpha Diagnostic International)

Recommended Use

Dilute 1:10 with distilled water before use. Add 150-200 µl of diluted solution per well and incubate plates for a minimum of 2 h at 37°C or 3-24 h at room temperature. After incubation, aspirate solution and air dry ELISA plates without washing. After drying, plates can be stored at 4°C. For some applications, it may be necessary to block at 1:5 dilution to reduce background.

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.).

Note:

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