

Alternative Block ELISA Blocking Buffer

Alternative Block ELISA Blocking Buffer, Synthetic

CATALOG #
AAA52764

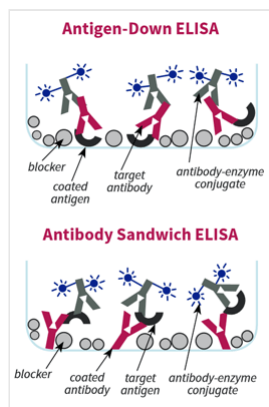
PRODUCT SYNONYMS

Alternative Block ELISA Blocking Buffer; Synthetic; Alternative Block ELISA Blocking Buffer blocking buffer

PRODUCT SPECIFICATIONS

Specifications	Clear liquid 1x ready to use pH 7.1-7.6
Usage	Contains ≤0.1% sodium azide.
Preparation and Storage	Store at 2-8°C for 24 months. Store at Room Temperature for 1 week.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Alternative Block ELISA Blocking Buffer blocking buffer

Alternative Block is a protein-free, detergent-free ELISA blocking buffer. This unique blocking buffer contains a heterogeneous mixture of proprietary blockers and synthetic stabilizers that block the uncoated regions of the plate without the use of conventional cross-reactive protein additives or detergents.

Alternative Block minimizes non-specific binding interactions and reduces background noise. It also stabilizes the coated protein during long-term storage by providing a microhydrated environment for improved retention of antigen epitope and antibody binding activity. Room temperature blocking of the plate and long-term refrigerated storage of dried plates are made possible by an antimicrobial component.

Alternative Block is suitable for use in most monoclonal and polyclonal antibody capture ELISA tests (also known as sandwich ELISAs) and peptide/protein antigen-down ELISAs. When preparing plates, the antibody or antigen is typically coated using 50-200 uL of coating solution per well. After coating, plates are washed to remove unbound proteins and then blocked using a larger volume of blocking buffer than was used for coating, such as 300 uL per well. This ensures that all uncoated regions inside the well are blocked. A 96-well plate blocked using this method will require 28.8 mL of blocking solution. Allow 10% extra blocking buffer to account for losses during pipetting.

Product Categories/Family for Alternative Block ELISA Blocking Buffer blocking buffer

[ELISA Solutions](#); [Blocking Buffers](#)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/blocking-buffer/alternative-block-elisa-blocking-buffer/52764>