



# Borate Buffered Saline/Milk Blocking Solution – 10X Concentrate

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## **Product Description:**

Borate Buffered Saline (BBS)/Milk Blocking Solution - 10X Concentrate contains Non-Fat Dry Milk (NFDM) in a proprietary BBS solution that is supplied as a solution ready for dilution to specific application requirements. This product serves as a blocking reagent when diluted in reagent quality water. As a blocking reagent, the solution binds to the secondary protein binding sites following the binding of the primary antigen or antibody to the solid phase surface. The solution also serves as a diluent for antigens and antibodies when diluted in a 4% solution of glycerol. As a diluent, the solution contributes to minimal non-specific interactions of secondary reagents with each other and with the primary solid phase binding sites.

## **Hazard Identification:**

BBS/Milk Blocking Solution – 10X Concentrate does not contain hazardous materials. Please refer to the MSDS for additional information.

## **Product Stability, Storage and Specifications:**

BBS/Milk Blocking Solution – 10X Concentrate is stable for a minimum of 3 years at the recommended storage temperature of 2°C - 8°C. This product may have a translucent milky color prior to dilution. To minimize risk of contamination, make fresh working solutions each day or store unused working solution at 2°C to 8°C.

## **Product Use:**

BBS/Milk Blocking Solution – 10X Concentrate is a 10X concentrate should be diluted with reagent quality water. To produce a 1X working solution, dilute 1 mL of BBS/Milk Blocking Solution – 10X Concentrate in 9 mL reagent quality water. Allow working solution to equilibrate to room temperature (25°C) prior to use. To use as a blocking solution, cover with appropriate working dilution of BBS/Milk Blocking Solution after the target surfaces have been sensitized with primary solution. Specific dilutions and blocking times will be dictated by individual preferences.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.