

Product Datasheet

Product Name:	PanBlock ELISA Blocking Buffer
Product code:	BUF81201-100 BUF81201-1000
Batch #:	
Date of Manufacture:	
Product Type:	Blocking Reagent for ELISA
Product:	PanBlock is designed for routine antigen-down and sandwich ELISAs and for those with high background problems and for assays that may cross-react with conventional mammalian blocking buffers. The non-mammalian formulation is antigenically foreign to most mammalian immune systems.
Amount:	100 ml 1000 ml
Concentration:	1X
Specifications:	Slightly cloudy liquid (pH 7.1-7.6). Contains non-mammalian protein blocking agents
Preservative:	Contains $\leq 0.1\%$ sodium azide
Purity/Specificity:	PanBlock provides a high degree of blocking efficiency through the use of a heterogeneous mixture of non-mammalian protein blocking agents. It minimizes non-specific binding interactions during the assay to reduce background noise, enhancing the sensitivity of the assay. It also provides a micro-hydrated environment to stabilize the coated protein during long-term storage through improved retention of antigen epitope and antibody binding activity. An antimicrobial component allows for stable blocking of plates at room temperature and for long-term refrigerated storage of the dried plate.
Storage:	24 months at 2-8°C 1 week at room temperature



Expiration: Expiration date is twenty-four (24) months from date of opening

Instructions: Coat antibody or antigen onto the ELISA plate using coating buffer

Incubate covered plate 8-24 hours at room temperature

Aspirate the coating solution. Wash plate twice with ELISA Wash Buffer

Block the uncoated regions of the ELISA plate by pipetting 300-400 μ L of blocking buffer into each well. Always use a greater volume of blocking buffer than was used for the coating solution. A 96-well plate blocked using this method will require 28.8-38.4 mL of blocking solution. However, allow for at least 10% extra blocking buffer volume to account for losses during pipetting

Incubate for 2-24 hours

Aspirate the blocking buffer; do not wash

Run the assay immediately, or dry the plate for long-term storage and seal in a foil bag with a desiccant pack

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Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.

