

BlockPRO™ 1 Min Protein-Free Blocking Buffer

BM01-500/BM10-100

v1.4

Store at 2-8 °C
For Research Use Only

■ Introduction

BlockPRO™ 1 Min Protein-Free Blocking Buffer is a fast blocking buffer for Western blotting with non-protein formulation containing 0.05% Tween-20 surfactant. It effectively prevents protein cross-reaction and improves the signal/noise ratio of the detected signals by one minute blocking. **BlockPRO™ 1 Min Protein-Free Blocking Buffer** can be applied to immunodetection systems including antibodies and biotin/avidin systems such as ELISA, Western blotting, immunohistochemistry and other immunochemical applications.

■ Product Components

BlockPRO™ 1 Min Protein-Free Blocking Buffer (BM01-500)

1 Min Protein-Free Blocking Buffer	500 mL	1 bottle
User's manual		

BlockPRO™ 1 Min Protein-Free Blocking Buffer (10X) (BM10-100)

1 Min Protein-Free Blocking Buffer (10X)	100 mL	1 bottle
User's manual		

■ Safety Information

Please wear gloves, lab coat and goggles while operating. Prevent contact product directly. In case of contacting, wash with large amount of water.

■ Storage

BlockPRO™ 1 Min Protein-Free Blocking Buffer should be shipped at room temperature and be stored at 2-8 °C. Expiration date is labeled on the bottle or box. The product should be used up within 6 months after opening.

■ Instruction

NOTE: Before use, dilute **1 Min Protein-Free Blocking Buffer (10X)** to 1X with ddH₂O.

1. Coating or transfer proteins according to apparatus manufacturer's instruction.
2. Add a sufficient volume of **1 Min Protein-Free Blocking Buffer** to the ELISA well, Western blotting membrane or immunohistochemical slide.
3. Incubate at room temperature for 1-3 minutes.
4. Add the primary antibody prepared in **1 Min Protein-Free Blocking Buffer** and incubate with shaking for 1 hour.
5. Continue with the standard protocol for specific application.

■ Trouble shooting

Problem	Possible cause	Remedy
Non-specific binding increased	Blocking buffer has exceeded the expiry date	Check the expired date before using
	Too high concentration of the primary or the secondary antibody	Decrease concentration of the primary or secondary antibody
	The primary antibody has multiple binding abilities	Increase the incubation time to 15-30 minutes

■ Related Visual Protein Products

LumiFlash™ Prime Chemiluminescent Substrate, HRP System	LF01-500	500 mL
LumiFlash™ Ultima Chemiluminescent Substrate, HRP System	LF08-500	500 mL
LumiFlash™ Infinity Chemiluminescent Substrate, HRP System	LF16-500	500 mL
LumiFlash™ Femto Chemiluminescent Substrate, HRP System	LF24-100	100 mL
LuminolPen™, HRP System	LH03-50	1 pen
LuminolPen™ EZ, HRP System	LH05-50	1 pen