

101Bio WB Blocking Solution

Cat. #: P5W8 (250 ml)

Shipping and Storage: Ship at ambient temperature and stored at 4°C upon arrival.

Shelf Life: 12 months

Product Description:

This WB blocking solution is designed to block non-specific binding of antibodies to Western Blot (WB) membranes. This proprietary formulated blocker is a **non-casein and non-milk based solution** that effectively blocks non-specific binding rapidly and effectively resulting in **clear background, increased contrast and enhanced signal intensity**. This solution can also be used in ELISA, IHC and other detection system where blocking of non-specific antibody binding is needed. This blocking solution does not contain detergent and Tris base (Trizma). This product is for research use only.

Product Contents (store at 4°C)










Component	Amount
101Bio WB Blocking Solution	250 ml

Protocol:

1. Add the blocking solution to blotting membrane (nitrocellulose, PVDF or other), ELISA well, or sample spot on IHC slide.
2. Incubate 30 minutes to 2 hours at room temperature, or overnight at 4°C.
3. After blocking, rinse the blotting membrane once with dH₂O and proceed to the other steps of your experiment.

This solution can also be used as a diluent for primary antibodies, but it is not recommended for dilution of peroxidase conjugated secondary antibodies.

Related products

Cat.#	Kit Name	Application	Protein Status	Minute
P501	Total protein kit	cells  total protein	denatured / native	1 ~ 8
P502	Total protein kit	tissues  total protein	denatured / native	1 ~ 8
P503	Membrane protein kit	cells / tissues  membrane protein	native , detergent-free	20 ~ 45
P504	Nuclear protein kit	cells / tissues  nuclear & cytosol protein	native	6 ~ 8
P505	Detergent-free kit	cells  total protein	denatured / native	5 ~ 8
P506	Detergent-free kit	Tissues  total protein	denatured / native	5 ~ 8
P507	Mitochondria kit	cells / tissues  mitochondria	native, detergent-free	25 ~ 30
P508	Plant total protein	plant tissues  total protein	denatured/native	5 ~ 8
P510	Plant detergent-free	plant tissues  total protein	native	6 ~ 8

P511	Plant chloroplast kit	plant tissues	➡	intact chloroplast		5
P518	Plant Microsomal Membrane	plant tissues	➡	microsomal membrane	native	1 hr
P512	Bacteria total protein	bacteria	➡	total protein	denatured	2 ~ 3
P513	Nuclear envelope kit	cells	➡	nuclear envelope	native	< 45
P514	Histone/DNA binding protein	cells	➡	histone & dna binding protein	denatured	< 10
P515	Thick cell wall microbes	microbes	➡	total protein	denatured / native	< 10
P516	Detergent-free thick cell wall	microbes	➡	total protein	denatured / native	10
P517	Yeast Mitochondria	yeast	➡	mitochondria	native	60
P518	Plant Microsomal Membrane	plant	➡	microsomal membrane	native	60
P519	Gel slice recovery kit	PAGE gel	➡	protein	denatured / native	10 ~ 20
P521	Hair & nail protein kit	hair, nail	➡	protein	denatured	5 min. hands on
P522	Adipose protein kit	adipose	➡	total protein	denatured / native	20
P523	Adipose fractionation	adipose	➡	water soluble/insoluble protein	native	40
P524	Nuclei isolation kit	cells / tissues	➡	intact nuclei	native, detergent-free	20
P525	FFPE protein kit	FFPE tissues	➡	protein	denatured	60
P528	Endosome isolation kit	cells / tissues	➡	endosome	denatured	20 min. hands on
P529	Adipose nuclei isolation kit	adipose tissues	➡	nuclei & cytosol	native	30

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