

101Bio HRP Substrate Kit

Cat. #: P5W1 (30 ml / 30 ml)

Shipping and Storage: Ship at RT and store at 4°C.

Shelf Life: 12 months

Product Description:

101Bio HRP substrate kit provides high intensity signal and low background detection of low abundance endogenous proteins. This highly sensitive ECL substrate is available in a two-bottle format for Western blotting with horseradish peroxidase (HRP) enzyme conjugates. This high-performance substrate will pick up your most difficult-to-detect proteins in Western Blots. The ECL substrate is compatible with different membranes, blocking reagents and a wide range of antibody dilutions. 101Bio HRP substrate kit provides excellent performance, versatility and long-lasting signal for high quality data.

Major Features: Ready to use, **strong and long-lasting signal (>4h)**, low background.

This product is for research use only.

Product Contents

Component	Amount	Storage
Substrate A	30 ml	4°C
Substrate B	30 ml	4°C

Protocol:

- Mix 1-part Substrate A with 1-part Substrate B prior to use. Mix well by pipetting up and down.
- Incubate the mixture with Western Blot membrane for 1-2 minutes.
- Drain the substrate solution and wrap the membrane in a thin transparent plastic wrap and expose to X-ray film for variable time (from seconds to minutes) depending upon specific antibodies used and strength of signal. Develop the exposed film using standard procedures or using an automatic film developer. The signal can also be detected by non-X-ray film device.

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 Extraction	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 extraction kit	cells	➡	histone & dna binding protein	denatured	< 10
P515	Thick cell wall microbes protein kit	microbes	➡	total protein	denatured / native	< 10
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 and cytosol isolation kit	adipose tissues	➡	nuclei & cytosol	native	30

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