Blocking Reagent
-Chemically Defined-

Instruction

Cautions
1. Research use only. Do not use for medical purpose.
2. Do not dilute or add other agents in Blocking Reagent to get the best result.
3. In some occasions, deposits may occur in solutions. Please dissolve the deposit before use.

(1) Introduction

Blocking is very important to get proper results in western blot and ELISA.

Blocking Reagent is ready-to-use blocking solutions.

●Features ●
1. Ready-to-Use
2. Exclusive formulation for Western or ELISA
3. Higher sensitivity than skim milk for Western Products
4. Long-term preservation of pre-coated plate possible by using ELISA blocking solution

(2) Product Lineup

Blocking Reagent products are listed below.

Field	Cat number	Product name	Quantity
Western	IS-CD-500W	Blocking Reagent for WB -Chemically Defined-	500ML
ELISA	IS-CD-500E	Blocking Reagent for ELISA -Chemically Defined-	500ML

(3) Related Products

To enhance antigen-antibody reaction under 100% protein-free condition, the combination of IMMUNO SHOT –Platinum- is highly recommended.

Cat number	Product name	Quantity
IS-P-250	IMMUNO SHOT -Platinum-	250ML
IS-P-500	IMMUNO SHOT -Platinum-	500ML

(4) General instruction to use Blocking Reagent in Western blot
1) After SDS-PAGE, transfer proteins to PVDF membrane.
2) Soak the membrane into 10mL of Blocking Reagent, and let it stay for 1hr while shaking.
3) The rest of the process is the same as usual.

(5) General instruction to use Blocking Reagent in ELISA
1) Immobilize antibody (or antigen) onto each wells of microplate by usual method, and wash wells by PBS-T 3 times.
2) Pour 200μL of Blocking Reagent into each well and let it stay for 1hr at 37℃.
3) Discard Blocking Reagent, and tap the plate on the paper towel to remove the solution completely.
4) The rest of the process is the same as usual.
5) For long term preservation of pre-coated plate, remove Blocking Reagent completely from microplate which has been antibody (or antigen)-immmobilized and treated by Blocking Reagent. Then dry up the plate at room temperature completely, and pack in an air and light-tight bag with a desiccant. The plate can be stored for more than 6 months at 4℃.

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