

PRODUCT INFORMATION

BlueBlock PF for Blotting and ELISA

Cat. No. 42591

Product description:

- General**
- 10x concentrated, protein-free (PF) blocking reagent and antibody diluent
 - Bases on phosphate buffer
 - Contains **no** sodium azide (NaN₃) as preservative

Storage Recommended storage temperature is +15 °C to +30 °C.
 After opening store at +2 °C to 8 °C.

How to use it

	Western Blot	ELISA
Dilution	Dilute the 10x concentrate with dist. water to get a 1x solution, e.g. 10 ml BlueBlock PF + 90 ml dH ₂ O Mix well	
Blocking	30 min	1 h
	Incubation with 1x solution at RT on a shaker Optional: At + 2 °C to + 8 °C overnight	
1. Ab Incubation	Dilute the antibody (Ab) with 1x BlueBlock PF 1 h incubation at RT on a shaker	
Wash	3 x 5 min with PBS-T or TBS-T	
2. Ab Incubation	Dilute the Ab with 1x BlueBlock PF 1 h incubation at RT on a shaker	
Wash	3 x 5 min with PBS-T or TBS-T	
Detection	Using the appropriate substrate	

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- **All-in-one-Protocol for Western blots (mini gel format)**

Please note that this method has a lower detection sensitivity than the standard method.

Buffers and Solutions:

- **1x BlueBlock solution:**
Dilute the 10x concentrate with dist. water to get a 1x solution, e.g. 10 ml BlueBlock PF + 90 ml dH₂O and mix well
- **1x PBS-T Buffer:**
Dilute the 10x concentrate (SERVA cat. no. 42597) with dist. water to get a 1x solution, e.g. 20 ml PBS-T Buffer (10x) + 180 ml dH₂O and mix well
- **Antibody solution:**
1x BlueBlock solution + Primary Antibody + Secondary Antibody

Antibodies are used in conventional Western blot dilutions, e.g. 1: 2,000 (primary AB) and 1: 5,000 (secondary AB)

IMPORTANT:

Pre-incubate the Antibody solution for 5 min prior to membrane incubation.

Protocol:

1. After the electro-transfer wash the membrane 5 min in PBS-T.
2. Then, add 20 ml Antibody solution to the membrane.
3. 1 – 2 h incubation at RT on a shaker.
4. Wash the membrane 3x 5 min with PBS-T.
5. Detection is carried out according to the enzyme-substrate system used.