



## *The Blocking Solution*

### Product description

Composition:	low-molecular weight casein fragments of high purity with NaCl and Tween	
pH-value:	7.2 ± 0.2	
Preservative:	contains 0.045% ProClin® 300 (v/v)	
Storage:	shelf life (when stored unopened at -20°C):	1 year – tolerates repeated freezing and thawing cycles
	shelf life (when stored unopened at 2 - 8 °C):	1 year

### **For research use only, not for diagnostic use**

#### Available

Package sizes:	50 mL	order number 110 050
	125 mL	order number 110 125
	500 mL	order number 110 500

### **Instructions for use**

*The Blocking Solution* saturates free binding capacities on plastic consumables and other surfaces like ELISA plates and blotting membranes. Thus a reduction of nonspecific binding to surfaces can be achieved.

Efficiency of blocking is significantly improved in comparison to standard blocking procedures in many assays. This is achieved by the special production method of CANDOR Bioscience, which leads to casein fragments with many different molecular sizes.

*The Blocking Solution* can be used in ELISA, EIA, RIA, Western blotting, immuno-PCR, protein arrays and immunohistochemistry.

Suitability of *The Blocking Solution* has to be tested in any assay, because of the different characteristics of assays and antibodies.

During long-term storage in the refrigerator white-coloured fragments of high molecular weight casein can be found in the upper third of the bottle which do not affect the quality and the blocking efficiency of *The Blocking Solution*. Thus immediately before use the solution should be mixed thoroughly.

*The Blocking Solution* is ready-to-use. Repeated freezing and thawing is possible. After immobilisation of capture antibody or target protein *The Blocking Solution* is added without dilution to wells or membranes. Incubation time has to be adopted depending on surface characteristics by the user.

We recommend blocking over night at 4 °C, but in many cases shorter incubation is also promising.

After blocking the surface has to be washed with *Washing Buffer* to make it useable for the next working steps.

For further information please visit [www.candor-bioscience.com](http://www.candor-bioscience.com).

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