

## ***BlueCap Blocking Solution***

### Product description

Composition:	low-molecular weight highly purified casein with NaCl and Tween
pH-value:	pH 7,2 ± 0,2
Preservative:	contains 0.05% ProClin® 300
Storage:	shelf life at –20 °C, 1 year – repeated freezing and thawing cycles possible shelf life at 2 – 8 °C, 6 months

### **For invitro research use only!**

Available		
Packaging size:	50 ml	order no. S204.050
	125 ml	order no. S204.125
	500 ml	order no. S204.500

### **Instructions for use**

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

Efficiency of blocking is significantly improved in comparison to standard blocking procedures by the special production method, which leads to casein molecules with many different molecular sizes. *Blocking Solution* can be used in ELISA, EIA, RIA, Western blotting, immuno-PCR, protein arrays as well as immunohistochemistry.

Immediately before use the buffer should be mixed thoroughly.

*Blocking Solution* is ready-to-use. Repeated freezing and thawing is possible. After immobilisation of capture antibody or target protein *Blocking Solution* is applied without dilution in wells or on 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.