



## *The Blocking Solution*

(article no. 110)

### **Casein based blocker for saturating free binding sites on plastic surfaces or other protein binding surfaces and for minimizing nonspecific binding to surfaces**

Storage: 2-8°C or -15 to -30°C (tolerates repeated freezing and thawing cycles)

pH-value: 7.2 ± 0.2

Preservative: contains < 0.0014 % [w/w] reaction mass of CMIT/MIT (3:1)

Expiry date  
when stored unopened: please refer to the label on the bottle

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

#### **Instructions for use**

*The Blocking Solution* is ready-to use.

White-coloured fragments of casein can be found in the bottle after long-term storage at 4°C. They do not affect the quality and the blocking efficiency of *The Blocking Solution*.

Please shake the buffer thoroughly before use.

After immobilization of capture antibody or target protein, *The Blocking Solution* is added without dilution to wells or membranes.

Incubate at room temperature for 1-4 hours or overnight (mostly one hour is quite enough). Duration of blocking can be minimized by shaking the plate at 600-900 rpm. Duration of blocking depends on characteristics of used surface and has to be tested individually.

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

After blocking, the coated antibodies or antigens can be stabilized by using *Liquid Plate Sealer*<sup>®</sup> (article number 160) for long-term storage at 4°C. After stabilization with *Liquid Plate Sealer*<sup>®</sup> a shelf life of several years can be observed with most antibodies.

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

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

Liquid Plate Sealer is a registered trade mark of CANDOR Bioscience GmbH.