The Blocking Solution *(Cat. No. CR110-LS)*

Casein-based blocker for saturating free binding sites on plastic 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 at 19.0 - 21.0 °C:	7.2 ± 0.2
Preservative:	contains < 0.0014 % [w/w] reaction mass of CMIT/MIT (3:1)
Expiry date when stored unopened:	see label on the bottle
	For general laboratory use

Instructions for use

The Blocking Solution is ready-to-use.

After prolonged storage of the bottle at 2 - 8 °C, whitish fragments may settle in the bottle and form streaks. This streak formation does not adversely affect the quality or performance of *The Blocking Solution*. Please make sure to shake the buffer thoroughly before use.

After immobilization of the capture antibody or capture antigens, *The Blocking Solution* is applied undiluted to the surface to be blocked (e.g., microtiter plates, beads, membranes, or other solid supports). Incubate at room temperature for 1 - 4 hours or overnight. Depending on the assay, shorter incubation times may be possible following appropriate validation. Note: The blocking time can be further reduced by shaking the plate at 600 - 900 rpm, depending on the application. As the required blocking time depends on the properties of the surface to be blocked and the ambient conditions, it should be determined experimentally.

After blocking, wash the surface to remove *The Blocking Solution*. The surface can then be used for subsequent assay steps.

After blocking, the coated antibodies or antigens can be stabilized for long-term storage of the plates at 2 - 8 °C using *Liquid Plate Sealer*® (Cat. No. CR160-LS). Following stabilization with *Liquid Plate Sealer*®, a shelf life of several years can be achieved for most antibodies and antigens.

The suitability of *The Blocking Solution* for the respective assay and the respective antibodies must be tested by the user.

Note: CANDOR products are shipped at ambient temperature. Stability studies have demonstrated that prolonged exposure to ambient conditions does not affect product quality.

For further information please visit www.candor-bioscience.com.

Liquid Plate Sealer is a registered trademark of CANDOR Bioscience GmbH.