

The Blocking Solution

Product overview

Catalog number	CR110
Description	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 RESEARCH OR FURTHER MANUFACTURING USE ONLY

Instructions for use

The Blocking Solution is ready-to-use.

After prolonged storage of the bottle at 2 – 8 °C, whitish fragments settle in the bottle and form streaks. This streak formation has no negative influence on the quality and function 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 added undiluted to the wells of the microtiter plate. Incubate at room temperature for 1 - 4 hours or overnight. Depending on the assay, shorter incubation times may also be possible after appropriate testing. Note: The blocking time can be further reduced by shaking the plate at 600 - 900 rpm, depending on the application. The blocking time depends on the properties of the surface to be blocked and the ambient conditions and should therefore be tested experimentally.

After blocking, the surface is washed to remove The Blocking Solution. The surface (e.g. microtiter plate or blotting membrane) can then be used for the next steps.

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

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

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

