

BlueCap Solutions Blocking Solution

Product description

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

pH-value:	pH 7.2 ± 0.2
Preservative:	contains < 0.0014% [w/w] mixture of CMIT/MIT (3:1)
Storage:	shelf life at +2 to +8°C: 6 months shelf life at -20°C: 12 months

For research use only, not for diagnostic use.

Package sizes:	50 mL (article no. S204.050) 125 mL (article no. S204.125) 500 mL (article no. S204.500)
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Instructions for use

The *Blocking Solution* is ready-to use.

White-colored 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.

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