Coating Buffer 10x

Buffer for adsorptive immobilization of proteins and antibodies on plastic surfaces (for example microtiter plates) or other protein binding surfaces

Available products:	*Coating Buffer pH 7.4 10x*	*(article no. 120)*
	Coating Buffer pH 9.6 10x	*(article no. 121)*

Storage:	2-8°C or -15 to -30°C (tolerates repeated freezing and thawing cycles)
pH-value:	7.4 ± 0.2 (article no. 120) 9.6 ± 0.2 (article no. 121)
Preservative:	Buffer is delivered without any preservatives, because preservatives can interfere with the process of coating.
Expiry date when stored unopened:	please refer to the label on the bottle Use working solution immediately!

For research use only, not for diagnostic use

Instructions for use

Crystals of salt can precipitate after storage at 2-8°C or after freezing. Therefore *Coating Buffer* must be warmed up to room temperature. Please shake the buffer thoroughly before preparing the working solution to dissolve all salt precipitates.
Stock solution is diluted 1:10 with salt free water to get the working solution.
Use working dilution immediately.

The proteins or antibodies for immobilization are diluted in this working solution and used after mixing. Typical concentration range for standard ELISA is in between 0.5 µg/mL and 2 µg/mL for capture antibodies.

Depending on surfaces as well as on proteins or antibodies the optimal incubation times can differ. Consequently any user should optimize its own incubation procedure. For some proteins or antibodies *Coating Buffer pH 7.4* is better, for others *Coating Buffer pH 9.6* is better for immobilization.
The pH-value can have an influence on the steric structure of proteins or antibodies, thus having an effect on immobilization.
For an optimized procedure for a newly developed immunoassay we strongly recommend testing both *Coating Buffers*.

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