

Coating Buffer

**The Coating Buffer for
ELISA, EIA, RIA,
Protein Arrays and Immuno-PCR**

The Coating Buffer for easy immobilisation!

Buffer optionally based on **PBS (pH 7,4)** or
carbonate (pH 9,6)

The solution for a functional, adsorptive immobilisation
of antibodies and proteins on plastic consumables or
other protein-binding surfaces.



Coating Buffer

Coating Buffer is made for adsorptive immobilisation of proteins and antibodies on plastics surfaces (for example microtiterplates) or other protein binding surfaces. Applications are for example ELISA, EIA, RIA and Protein Arrays as well as Immuno-PCR.

Depending on surface as well as on proteins or antibodies the useful incubation times can differ. Consequently any user should optimise 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 immobilisation. The pH-value can have an influence on the steric structure of proteins or antibodies, thus having an effect on immobilisation.

For an optimised procedure for a newly developed immunoassay we strongly recommend testing of both Coating Buffers in comparison.

10x stock solution

dilute with water!

composition:	Buffer based on PBS, 10x stock solution; Buffer based on carbonate, 10x stock solution
pH-value:	pH 7,4; pH 9,6
preservative:	contains 0,005% thimerosal
storage:	Coating Buffer pH 7,4 (based on PBS) shelf life at -20 °C, 1 year shelf life at 2-8 °C, at least 3 months Coating Buffer pH 9,6 (based on carbonate) shelf life at -20 °C, at least 3 months shelf life at 2-8 °C, 1 month

use working dilution immediately!

For research use only, not for diagnostic use

available	
packaging size:	Coating Buffer pH 7,4 125 ml order number 120125 Coating Buffer pH 9,6 125 ml order number 121125