

**Product number:**

COAT- 0100- 01 (100 mL)  
COAT- 1000- 01 (1000 mL)

**Intended use:**

BioFX® ELISA Plate Coating Solution-10X Concentrate is a physiological saline solution containing a proprietary blend of monobasic and dibasic phosphates. The solution is ready for dilution to specific application requirements and can be used in most ELISA systems. ELISA Plate Coating Solution-10X Concentrate maximizes specific binding to the target solid phase by providing optimal pH and ionic strength for antigen or antibody binding.

**Product stability, storage and specification:**

Product stability	Stable for a minimum of 3 years from the date of manufacture when stored at the recommended storage temperature of 2-8°C.
Storage	To minimize the risk of contamination, a fresh working solution should be prepared each day or store unused working solutions at 2-8°C.
Specification	The solution should be clear and colorless in appearance.

**Recommendations for use:**

ELISA Plate Coating Solution -10X Concentrate should be diluted in reagent quality water.

- 1) To produce a 1X working solution, dilute 1 mL of ELISA Plate Coating Solution-10X Concentrate in 9 mL of reagent quality water.
- 2) Allow working solution to equilibrate to room temperature (25°C) prior to use.
- 3) Dilute antigen or antibody to desired concentration in 1X solution and treat the target surface by covering completely with solution.
  - For best results, incubate coated plate overnight at 4°C.

**Related Products:**

StabilCoat® Immunoassay Stabilizer (SC01)  
BioFX® TMB One Component HRP Microwell Substrate (TMBW)  
BioFX® Tris Buffered Saline Wash Solution – 10X Concentrate (WSHW)

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