

Product number:

COAT-0100-01 (100 mL)
COAT-1000-01 (1000 mL)
Custom Sizes Available

Product 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 specifications:

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. Crystalline material can form during extended refrigerated storage and should be warmed to room temperature to allow for dissolution.

Recommendations for use:

ELISA Plate Coating Soluti-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.

For technical assistance, email ivdtechsupport@surmodics.com

Related Products:

In-Solution Protein Stabilizers & Diluents:
StabilZyme™ HRP Conjugate Stabilizer (SZ02)
StabilZyme™ SELECT Stabilizer (SZ03)
StabilZyme™ NOBLE Stabilizer (SZ04)
StabilZyme™ Protein Free Stabilizer (SZPF)
Surmodics™ Assay Diluent (Protein-Free) (SM01)
MatrixGuard™ Diluent (SM02)
Blockers/Stabilizers:
StabilGuard™ Immunoassay Stabilizer-BSA-Free (SG01)
StabilCoat™ Immunoassay Stabilizer (SC01)
StabilBlock™ Immunoassay Stabilizer (ST01)

Substrates and Wash:
BioFX™ TMB Super Sensitive One Component HRP Microwell Substrate (TMBS)
BioFX™ TMB One Component HRP Microwell Substrate (TMBW)
BioFX™ TMB Conductivity One Component HRP Microwell Substrate (TMBC)
BioFX™ TMB Slow Kinetic One Component HRP Microwell Substrate (TMSK)
BioFX™ TMB Extended Range One Component HRP Microwell Substrate (TMBX)
BioFX™ AP Yellow One Component Microwell Substrate (pNPP) with Stabilizing Pellets (PNPS)
BioFX™ Tris Buffered Saline Wash Solution – 10X Concentrate (WSHW)

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