

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:

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| 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.

For technical assistance, email ivdtechsupport@surmodics.com

Related Products:

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| 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: |
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| 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) |

Products distributed by



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