

High Performance Dioxin/Furan Immunoassay

Materials List for Kit DF1-ST-B (large starter package)

This package is intended for the first time user. It contains the EIA tubes and reagents of one DF1-60 kit plus selected items needed for start-up.

Materials provided by CAPE Technologies

- 1 decanting test tube rack with assembly instruction sheet
- 1 bag of uncoated tubes (rims marked black) for pipetting practice and photometer blanking

one DF1-60 Kit, which includes the following:

- Kit insert (IN-DF1)
- Brief Summary of Immunoassay Protocol (PS-DF1)
- 1 vial of 0.5 mL of neat **Triton X-100**
- 2 vials of keeper stock solution (Triton X-100 in tetraethylene glycol)
- 100 Anti-Dioxin “**Antibody Coated Tubes**” (5 bags of 20 tubes with indicating desiccants)
- 1 bottle “**Sample Diluent**” (55 mL/bottle)
- 1 bottle “**Competitor-HRP Conjugate**” (55 mL/bottle)
- 1 bottle “**HRP Substrate Solution**” (55 mL/bottle)
- 1 bottle “**Stop Solution**” (55 mL/bottle)



Materials provided by Wellington Labs (not shown)

- one 1 mL glass ampoule of negative control (80:20 methanol:tetraethylene glycol plus 100 ppm Triton X-100)
- four dioxin standards (0.064, 0.2, 0.64, and 2.0 ng/mL 2,3,7,8-TCDD in negative control) in 1 mL glass ampoules
- DF1-CS1 (check sample of 180 pg/mL 2,3,7,8-TCDD in 500 μ L of toluene)
- DF1-CS2 (check sample of 600 pg/mL 2,3,7,8-TCDD in 500 μ L of toluene)

Additional sets of standards and check samples must be ordered from Wellington Laboratories or one of their distributors (see <http://www.well-labs.com/contactus/contact.html>).