

Materials List for:

Isolation and Quantification of Botulinum Neurotoxin From Complex Matrices Using the BoTest Matrix Assays

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Materials

Name	Company	Catalog Number	Comments
BoTest Matrix A Botulinum Neurotoxin Detection Kit	BioSentinel	A1015	Detection kits for BoNT/B and F are also available.
Varioskan Flash fluorescence microplate reader	Thermo Fisher Scientific	5250040	Most monochromator- or filter-based units with 434 nm excitation and 470 nm and 526 nm emission capability can be used.
96-well Magnetic Bead Separation Plate	V&P Scientific	VP771H	Other magnetic plates may be used, but the plate should be designed to separate the beads to the side of the well.
Magnetic Bead-Compatible Plate Washer	BioTek	ELx405 VSRM	Optional, only required for automated plate washing. Other magnetic bead-compatible plate washers may also be used, but should be tested before use.
Microcentrifuge			Optional, only required for samples needing centrifugation.
MixMate plate mixer	Eppendorf	22674200	
Orbital Shaker			Used at room temperature or at 25 °C If temperature control is available
EDTA-free Protease Inhibitor Tablets	Roche	4693132001	Only required for food or environmental testing. Protease inhibitors must be EDTA-free.
BoNT/A	Metabionics		Optional, only required for standardization and quantification purposes
Black, Flat-bottomed 96-well Plates	NUNC	237105	Plates should not be treated
96-well Plate Sealing Tape	Thermo Fisher Scientific	15036	