

## Abraxis PSP Shipboard Description & Components

The Abraxis PSP Shipboard application is an ELISA procedure intended for the quantitative detection in the range of 20  $\mu\text{g}$  to 120  $\mu\text{g}$  (STX equivalent)/100 g of composite shellfish tissue samples.

### **PSP Shipboard Starter Pack:**

Reader, manual, strip, with 12V DC battery supply (6 AA batteries)  
Pipettes, manual, fixed volume, 50 & 100  $\mu\text{L}$   
Wash bottle, plastic squeeze, 500 mL  
Rack, Foam for vials  
Timer  
Case  
Computer

### **PSP Shipboard Accessory Pack:**

Diluent, 20, 10 mL, ready to use in 20 mL glass vials w/caps (Red label/  
black cap)  
Diluent, 20, 10 mL, ready to use in 20 mL glass vials w/caps (Blue label/  
white cap)  
Labels, 40, for 20 mL vials  
Vials, glass w/caps, 20, 4 mL, for extract storage/freezing  
Labels, 20, for 4 mL vials  
Tips, pipette, 1 rack of 96 x 1-200 $\mu\text{L}$   
Pipettes, Transfer, plastic, 20  
Microtiter plate/strip frame, 1  
Strip, Blank, 1 of 12 wells for zeroing reader  
Covers, 3, microtiter plate, adhesive

### **PSP Shipboard Reagent Kit:**

Anti-Rabbit Coated Microtiter Plate (12 removable strips of 8 wells; 96 wells)  
Saxitoxin Standards 0, 20, 40, 80, 120  $\mu\text{g}/100\text{ g}$  (1 mL each)  
Saxitoxin Control 60  $\mu\text{g}/100\text{ g}$ , 1 mL  
Reagent 1 – Saxitoxin-HRP conjugate, 6 mL  
Reagent 2 - Anti-Saxitoxin Antibody Solution, 6 mL  
Wash Buffer (5x Concentrate), 100 mL  
Color Solution (TMB), 12 mL  
Stop Solution, 12 mL  
Graph Paper