

# Toxiline- DSP



## Test for detection of diarrhetic shellfish poisoning toxins in bivalves molluscs

Bivalve molluscs can very efficiently accumulate toxins from the algae that they eat and their consumption can infect the consumers.

Among the different types of toxins found in shellfish, those producing diarrhetic shellfish poisoning are very common and widely spread.

Routine tests must be carried out to ensure the quality and safety of these products.

**Toxiline-DSP** is a kit able to detect the diarrhetic shellfish toxins (Okadaic Acid and Dinophysistoxin) in bivalve molluscs, echinoderms, tunicates or marine gastropods present at levels above the European maximum limits. The test is based on the inhibition of phosphatase enzyme activity by okadaic acid.



### Fast

Assay time < 1 hour

### Easy to perform

2 easy steps

### Specific and sensitive

Limit of detection: 30 µg/kg

### Quantitative

Limit of Quantification: 85 µg/kg

### Alternative to mouse bioassay test

Avoids using live animals

