



## Analysis of Saxitoxin in water

- **Intended use:** Detection of saxitoxin in fresh water or seawater.
- **Materials required:** Micropipette capable of delivering 100  $\mu$ L and 900  $\mu$ L.
- **Procedure**
  1. Dilute water sample with the provided diluent (900  $\mu$ L of water + 100  $\mu$ L of diuent).
    - \* Please note that there are two types of diluents. One is for **fresh water** and the other one is for **seawater**.
  2. Mix thoroughly and use for the assay.
    - \*If filtration is needed, Whatman #1 or syringe filter can be used (SLGS 025 NB, SLAA 025 NB or SLAA 025 NK, Millipore) after dilution.
- **Run the assay using Beacon Saxitoxin Plate Kit (#20-0173)**
  1. Follow the direction in the instructional booklet for the assay.
  2. Apply dilution factor of 1.1 to the result achieved from the assay.