

# REAGEN

## Quantitative Test Kit for Tetrodotoxin

Tetrodotoxin (TTX) is a strong and stable neurotoxin. Even if heating, salt or cooking can't damage the structure of TTX. The person's minimum lethal dose is 0.5 mg / 60 kg. Human and animal poisoning incidents occur every year for improper eating TTX or improperly processed puffer fish. So, accurate detecting tetrodotoxin makes important sense on the prevention and control of tetrodotoxin intoxication.

**REAGEN™** TTX Test Kit can test fresh fish, dried fish and water. The principle is based on a competitive colorimetric enzyme-linked immunosorbent assay (ELISA) to determine TTX's content. This kit contains standards, antibody solution, enzyme conjugate solution, colour solution, stop solution, wash solution. We provide simple sample preparation methods and don't need to prepare other reagents. The coefficients of variation (CVs) is less than 10% for standards and less than 15% for sample. Detection limit could be as low as 10 ppb and high recovery (>75%).

The advantages of the kit are: sensitive, rapid, simple, strong specificity, small sample amount. You do not destroy the fish body structure and can test a large number of samples at the same time.

### About **REAGEN LLC**

**REAGEN LLC** is a high-tech bio-medical enterprise, located at 102 Commerce Dr. Unit 8, Moorestown, NJ 08057 USA. In the corporation there are more than 50 Ph.D. doctors, 30 masters, and lots of chemistry & biology scientists, extremely strong technical and design force we have.

We are focusing on design and producing all kinds of ELISA kits including clinical disease detecting kits, food & feed safety test kits and animal epidemic virus detecting kits and kits just for research, microplate readers & washers and all the others related instruments and equipment.