

- **Why test pH?**

pH is the measure of acidity in your water. A pH reading of 7.0 is neutral, a pH higher than 7.0 is alkaline, and a pH lower than this level is acidic. It is important to keep your aquarium at the appropriate pH level to ensure optimal water quality for your specific fish species, as different types of fish require different pH levels for their habitats. API® FRESHWATER MASTER TEST KIT will enable you to test the pH levels in your water as often as needed!

- **Why test for Ammonia?**

Fish continually release ammonia directly into the water through their gills, urine, and solid waste. Uneaten food and other waste also add ammonia to the water. A natural way that your aquarium handles this ammonia is through the biological filter, or natural aquarium cycle. However, as with any natural processes, imbalances can occur. This is why it's important to regularly test for the presence of ammonia, which can spike unexpectedly in your aquarium. As soon as it is detected, ammonia should be removed, otherwise it will damage your fish's gill membranes and harm their respiration, which can eventually result in fish death. Even small amounts of ammonia stress fish, suppressing their immune systems and increasing the likelihood of disease outbreaks. You can remove ammonia from your tank by performing a partial water change, and by dosing with a solution specifically designed to treat ammonia. Test frequently for high ammonia using API FRESHWATER MASTER TEST KIT.

- **Why test for Nitrite?**

Testing for the presence of toxic nitrite is essential, so that if it is detected, steps can be taken to remove it. If left untreated, nitrite in the water will hinder normal fish respiration, eventually leading to fish death. Even small amounts or low levels of nitrite stress fish, suppressing their immune systems and increasing the likelihood of disease, which is why it's important to test for nitrite using API FRESHWATER MASTER TEST KIT. You can remove nitrite from your tank by performing a partial water change.

- **What does the FRESHWATER MASTER TEST KIT test for?**

The FRESHWATER MASTER TEST KIT measures pH, high range pH, ammonia, nitrite, and nitrate in your freshwater aquarium.

- **What is included with the FRESHWATER MASTER TEST KIT?**

The kit includes seven test solutions, easy-to-read instruction, glass test tubes, and a color chart.