

## Scientists can ID an ecosystem's fish population from DNA in just a glass of water

Researchers can now carry out a fish survey using just a glass of the water in which the fish live.

A group of researchers collected about two pint glasses of water from California's Monterey Bay Aquarium's 1.2 million-gallon open sea tank. They then analyzed the DNA in the water samples to determine what fish species were present in the tank.

Researchers compared this DNA to primers – short bits of DNA – from earlier studies. If a match was found, then the specific type of fish could be determined, said Ryan Kelly, assistant professor of marine and environmental affairs at the University of Washington.

**Read the full, original story: [A fish census in a glass of water? DNA offers clues.](#)**