

## aquaSCINT™ Next Generation Radioisotope Detection

A more versatile than scintillation cocktail, aquaSCINT enables continuous non-specific radioisotope detection in aqueous environments with high sensitivity, no organic solvent, and a marked reduction in waste.

### Product Compatibility

- Works with existing scintillation counters
- Available in two colors; a broad emission at ~430nm (Blue), and an emission maximum of 615nm (Red)
- Compatible with typical low energy radioisotopes such as  $^3\text{H}$ ,  $^{14}\text{C}$ ,  $^{22}\text{Na}$ ,  $^{32}\text{P}$ ,  $^{33}\text{P}$ , and  $^{35}\text{S}$

### Don't see what you're looking for?

Call or email us, we want to help you succeed with your assays.

### Contact Us

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1.833.768.6266

## Product Features

### Organic Solvent Free

The absence of organic solvent eliminates unpleasant odors, extra steps and the storage and disposal costs associated with conventional scintillation cocktails.

### Aqueous Compatibility

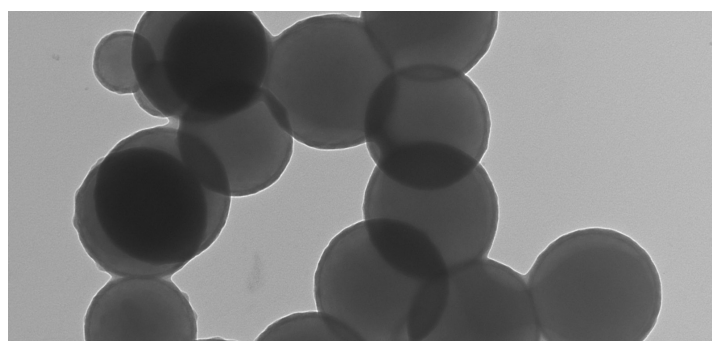
Continuous measurements in a wide range of samples including live cells reduce or eliminate repetitive sample preparation saving time, money, and precious materials.

### Sample Recovery

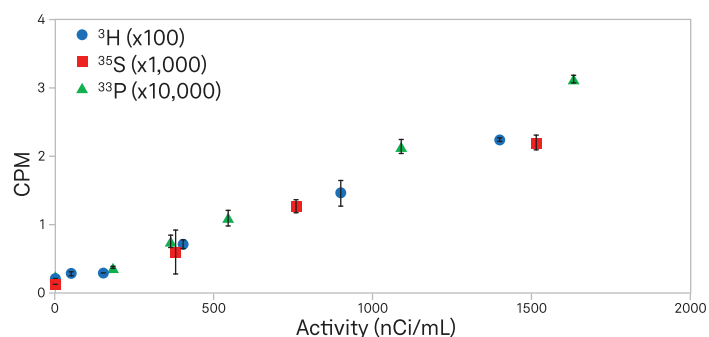
Test and recover samples; aquaSCINT suspensions can be centrifuged and the sample solution can be recovered easily.

### Waste Reduction

aquaSCINT is used in aqueous and biocompatible solutions. Reduces experimental conditions that produce mixed waste and subsequent disposal.



NANOPARTICLE MICROGRAPH (~300NM OD)



AQUASCINT RESPONSE CURVE

## Applications

### Precious Samples

Test and recover samples (e.g. radioactive lathanides and actinides); aquaSCINT suspensions can be centrifuged in a typical benchtop centrifuge (1600 g).

### Time-resolved Measurements

Make continuous measurements in a single sample without destructive solvents or surfactants.

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