

aquaSCINT-IC™

Illuminating the secrets of biology in real time

Non-toxic intracellular (IC) radioisotope detection within an aqueous environment. Easily incorporated into mammalian cell lines via endocytosis, enabling continuous, non-specific measurement.

aquaSCINT-IC is organic solvent free, providing a marked reduction in waste, and elimination of multiple parallel sample preparation.

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 ^3H , ^{14}C , ^{22}Na , ^{32}P , ^{33}P , and ^{35}S

Don't see what you're looking for?

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

Contact Us

sales@sntnano.com
1.833.768.6266

Product Features

Intracellular Measurements

Sensitive, non-specific intracellular measurements are now possible with aquaSCINT-IC. aquaSCINT-IC is easily incorporated into many mammalian cell lines via endocytosis.

Aqueous Compatibility

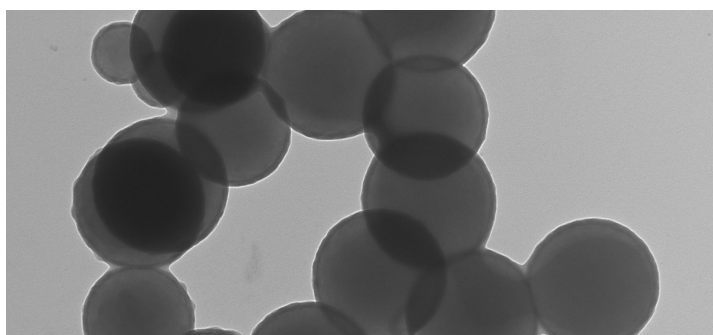
Continuous measurements in a wide range of samples reduces or eliminates repetitive sample preparation saving time, money, and precious materials.

Organic Solvent Free

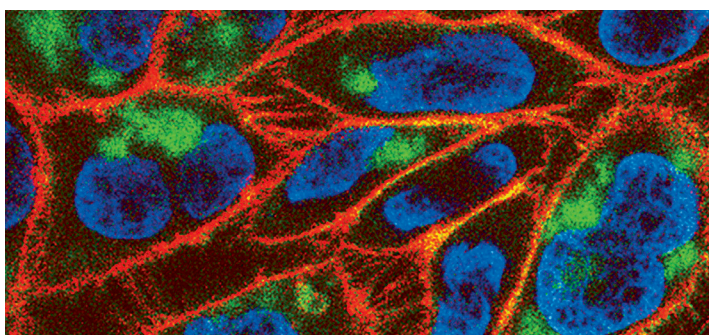
The absence of organic solvent eliminates unpleasant odors, extra steps and the storage and disposal costs associated with conventional scintillation cocktails.

Spatial Resolution

The small size of aquaSCINT-IC allows increased spatial resolution over typical radiolabel sensors and assays.



NANOPARTICLE MICROGRAPH (~300NM OD)



INTRACELLULAR DISPERSION

Applications

Drug Uptake

Monitor cellular uptake of radiolabeled drugs in viable cells over time.

Transporter Activity

Query native transporter activity by measuring the intake of radiolabeled substrates.

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