

Core Shell Quantum Dots Aqueous Solution

Refs. QDCORESHELL-585-AQU
QDCORESHELL-615-AQU

DropSens launches **CdSe/ZnS aqueous soluble Quantum Dots (QDs)**. These aqueous soluble fluorescent nanocrystals present **carboxyl groups** in the free end which makes them very interesting nanoparticles for **conjugation procedures** through the covalent attachment of amine groups of proteins, amine-modified oligonucleotides, or others.

The main features of DropSens' aqueous soluble QDs are:

QDCORESHELL-585-AQU: λ_{em} = 585 nm ; concentration = $3.5 \pm 0.1 \mu\text{M}$; diameter \varnothing = $3.0 \pm 0.15 \text{ nm}$

QDCORESHELL-615-AQU: λ_{em} = 615 nm ; concentration = $4.0 \pm 0.2 \mu\text{M}$; diameter \varnothing = $4.5 \pm 0.2 \text{ nm}$

These aqueous soluble QDs are highly photostable and present bright fluorescence with narrow emission spectra. Previous photoactivation is recommended for fluorescence applications.

These references are available in units of 1 mL. They should be stored at room temperature and protected from the light.

Related products



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110



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Full Catalogue



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