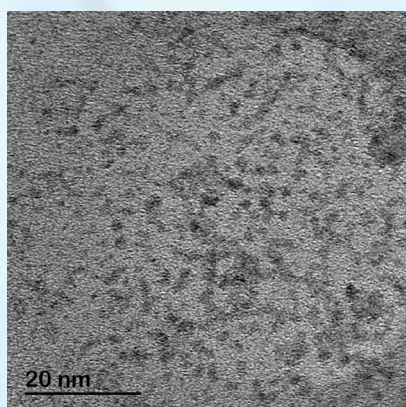


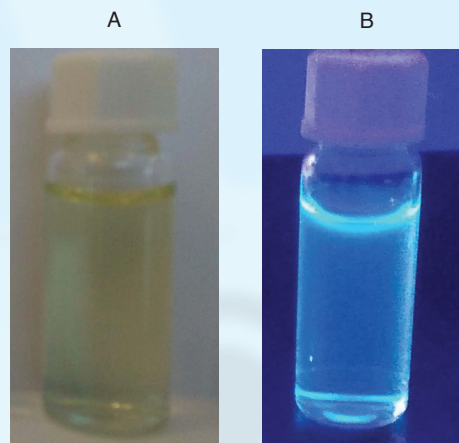
Graphene Quantum Dots

Ref. GQD

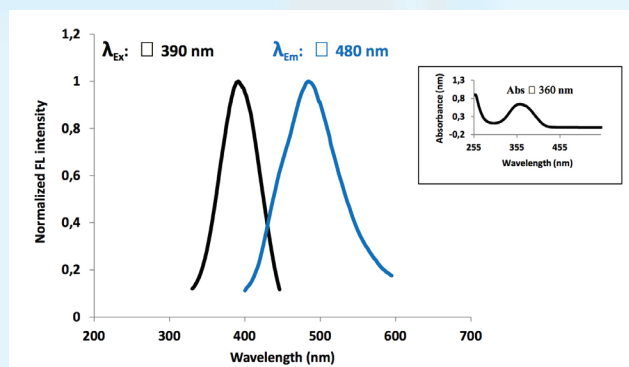
DropSens launches **aqueous soluble Graphene Quantum Dots** (GQDs) synthesized via a bottom-up method. These fluorescent nanoparticles exhibit extraordinary optical and electronic properties due to their quantum confinement and edge effects. **GQDs** are characterized by their chemical inertness, low toxicity biocompatibility, high fluorescent activity and excellent photostability. **GQDs** can be used in a wide range of applications, such as electrochemical sensors, photoluminescence sensors, electrochemiluminescence sensors and electronic sensors.



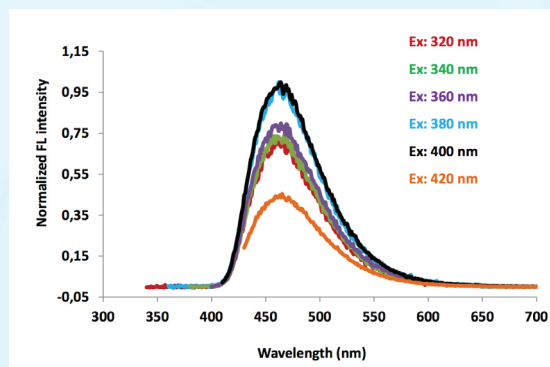
HRTEM image of DropSens Graphene Quantum Dots



DropSens Graphene Quantum Dots excited by natural light (A) and UV light (B)



UV-vis absorption (Abs) and fluorescence excitation (Ex) and emission (Em) spectra of GQDs.



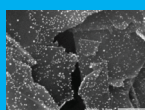
Emission spectra of GQDs at different excitation wavelengths.

These reference is available in 30 mL vials. They should be stored at 2-8°C temperature and protected from light.

Related products



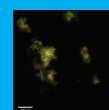
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