

# DiagNano™ Amine Quantum Dot Beads, 160 nm, 610 nm Emission Peak

Cat.No: DNQ-N013

## DESCRIPTION

**Description** Quantum dot beads are uniform microspheres functionalized with amine groups containing thousands of quantum dots with no quantum dot leakage and no photobleaching. Surface Potential:  $35 \pm 5$  mV. Hydration particles size:  $160 \pm 20$  nm.

## PRODUCT INFORMATION

<b>Particle Size</b>	160 nm
<b>Functional Group</b>	Amine
<b>Concentration</b>	1 $\mu$ M
<b>Emission Max</b>	$610 \pm 10$ nm
<b>QuantumYield</b>	$\geq 60\%$

## STORAGE AND SHIPPING

<b>Storage Buffer</b>	DI water with 0.05% sodium azide.
<b>Storage</b>	Store product away from direct sunlight at 2-8°C. Do NOT freeze!
<b>Shelf Life</b>	6 months.