MaxVigen™ - 650 nm
Strong Fluorescent Magnetic Nanoparticles

Cat#11001

Product Description

MaxVigen™ is multifunctional fluorescent magnetic nanoparticles. They have bright fluorescence, high MRI sensitivity, long blood circulating life time, strong tumor targeting and extended tumor retention, and customizable physical and surface properties. They could exceed expectations in every stage of your molecular imaging and targeting research.

Application Examples:

- *In vivo* fluorescence imaging
- MRI, correlated fluorescence and MRI
- Cancer imaging and drug targeting

Product Contents

1 ml of MaxVigen™-650 nm, fluorescent magnetic nanoparticles in PBS buffer at 1 mg/ml.

All materials should be stored at 4°C up to 6 months.

Size:

75 nm measured by dynamic light scattering technology with PDI (polydispersity index) at 0.2.

Number of Fluorophores per nanoparticle:

100.

Spectra:

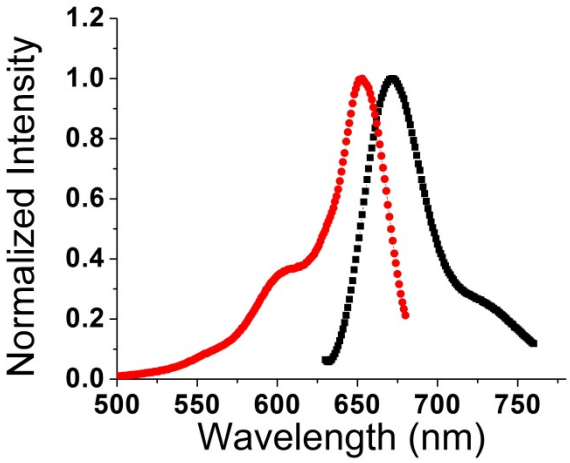

Figure 1. Excitation and emission spectra of MaxVigen™-650 nm. Excitation maximum is 653 nm. Emission maximum is 672 nm.

Specific nanoparticles with different requirements on nanoparticle components, size, fluorophore loading and surface functional groups are available through customized nanoparticle projects. NVIGEN nanoparticles reagents are for research uses.