

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : NpFlamma® HGC 648
- Catalog Number : PNC1201
- Packing Unit : 10 tests / 50 tests / 250 tests
- Appearance : Blue Liquid
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

- Fluorophore Label : Flamma® Fluors 648
- Excitation_{Max} : 648 nm
- Emission_{Max} : 663 nm

3. Description

NpFlamma® HGC 648 is a red dye-incorporated chitosan based amphiphilic nanoparticle that enables to selectively detect tumor cells. Flamma® Fluor dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugated to biomolecules. The maxima of Ex/Em values are at 648/663 nm. NpFlamma® HGC 648 enables to observe non-invasive images of cancer metastases and to contrast blood vessel. We offer NpFlamma® HGC 648 as an effective fluorescence agent for in vivo imaging of angiography and tumor progression.