

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : NpFlamma® HGC ICG
- Catalog Number : PNC1501
- Packing Unit : 10 tests / 50 tests / 250 tests
- Appearance : Green Liquid (Dissolved in Distilled Water)
- Storage Conditions : Protect from light at 4 °C

2. Additional Information

- Fluorophore Label : ICG
- Excitation_{Max} : 785 nm
- Emission_{Max} : 812 nm

3. Description

NpFlamma® HGC ICG is a NIR dye-incorporated chitosan based amphiphilic nanoparticle that enables to selectively detect tumor cells. ICG dye is clinically approved NIR fluorescent dye and used in medical diagnostics, in vitro/vivo and animal model study. The maxima of Ex/Em values are at 785/821. NpFlamma® HGC ICG enables to observe non-invasive NIR images of cancer metastases and to contrast blood vessel. We offer NpFlamma® HGC ICG as an effective NIR fluorescence agent for in vivo imaging of angiography and tumor progression.