

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Annexin V-ICG
- Catalog Number : XAP2052
- Packing Unit : 50 tests / 250 tests / 1000 tests
- Appearance : Green Liquid
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

- Fluorophore Label : ICG
- Molecular Weight : ~36kDa
- Excitation_{Max} : 785 nm
- Emission_{Max} : 821 nm

3. Description

Annexin V-ICG is a NIR fluorescent probe for selective labeling of externalized PS, an indicator of intermediate stages of apoptosis. ICG is clinically approved NIR dye and used in medical diagnostics, in vitro, vivo and animal model study. The maxima of Ex/Em are at 785/821 nm. This probe can be utilized in fluorescent imaging as well as for flow cytometry of apoptotic cells. This effective probe can be used alone or in combination with other dyes such as propidium iodide (PI). BioActs offers Annexin V-ICG as an efficient fluorescent probe in flow cytometric analysis of apoptosis.