

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Annexin V-Flamma® 488 Apoptosis detection kit
- Catalog Number : XAP1201
- Packing Unit : 50 tests / 250 tests
- Appearance : Yellow Liquid
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

- Fluorophore Label : Flamma® 488
- Excitation_{Max} : 495 nm
- Emission_{Max} : 519 nm

3. Description

Annexin V-Flamma® 488 apoptosis detection kit, consisting of Flamma 488-conjugated annexin V, propidium iodide (PI) and the binding buffer, is a rapid and selective detection kit for labeling of externalized PS, an indicator of intermediate stages of apoptosis. Flamma® dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugation to biomolecules. The maxima of Ex/Em are at 495/519 nm. Annexin V-Flamma® 488 kit can be utilized in fluorescent imaging as well as for flow cytometry of apoptotic cells. This efficient apoptosis detection kit allows to accurately analyze mixed populations of apoptotic and normal cells.