

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Flamma® 552 TUNEL assay kit
- Catalog Number : XTN1201
- Packing Unit : 50 tests / 100 tests / 200 tests
- Appearance : Yellow Liquid
- Storage Conditions : Protect from Light at 4 °C

## 2. Additional Information

- Fluorophore Label : Flamma® 552
- Excitation<sub>Max</sub> : 551 nm
- Emission<sub>Max</sub> : 570 nm

## 3. Description

Flamma® 552 TUNEL assay kit was developed for quantitative analysis of apoptotic cells in the mixed cell populations. The kit employs dUTP conjugated Flamma® 488 dye for labeling of fixed cells or tissues. Flamma® Fluor dyes display excellent fluorescence activity and photostability after conjugated to biomolecules, allowing detection of low-abundance biological structures with great sensitivity. This assay kit is reliable and effective method to detect and quantify a wide levels of apoptotic cells by fluorescence microscopy and flow cytometry. BioActs offers Flamma® 552 TUNEL assay kit for the detection apoptotic cells in frozen and formalin-fixed tissue sections, determination of the sensitivity of malignant cells to drug-induced apoptosis, discrimination of apoptotic and necrotic cells in the cell death environment, etc.