

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Flamma<sup>®</sup> 675 protein labeling kit
- Catalog Number : XPL3104
- Packing Unit : 1 Kit
- Appearance : Blue Liquid
- Storage Conditions : Protect from Light at 4 °C

## 2. Additional Information

- Fluorophore Label : Flamma<sup>®</sup> 675
- Reactive Group : Vinylsulfone
- Reacting with : Primary amine

## 3. Description

Flamma<sup>®</sup> 675 Protein Labeling Kit is designed to effectively label antibody or protein. Flamma<sup>®</sup> 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 675/691 nm. Vinylsulfone reactive group is selectively bind to the primary amines of proteins to create efficient dye-protein conjugates. Flamma<sup>®</sup> Fluors Protein Labeling Kits enable to perform the entire step from labeling to purification and contain all necessary chemicals and consumable materials. We offer Flamma<sup>®</sup> 675 protein labeling kit as a convenient method to label large amount of protein and antibody.