

Fluorescent Dyes for Cell Biology & Oncology

CellVue® Dyes for Membrane Labeling

Sensitive probes for detecting rapid uniform membrane changes in any cell or bioparticle with a membrane. Suitable for cell tracking and proliferation studies and compatible with flow cytometers, confocal and in vivo imaging equipment. CellVue® labeled cells are brightly fluorescent, emitting in the long wavelength UV, the far red or the near infrared region of the spectrum and display potential shifts in their excitation and emission. This shift makes it possible to provide sensitive, quantitative methods for monitoring the fate of labeled cells at both macro and micro levels.

Advantages:

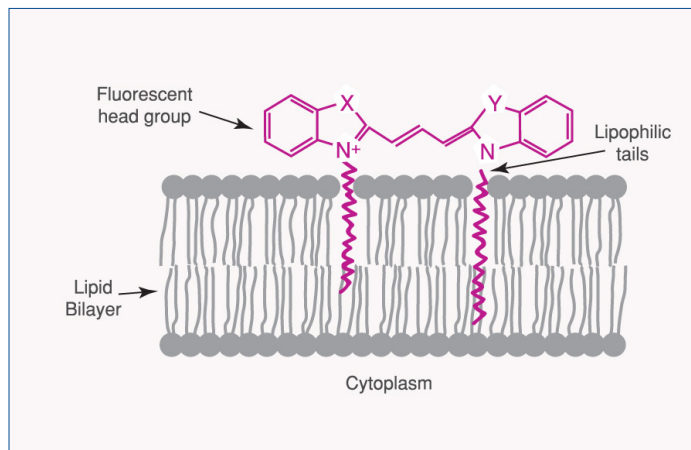
- Versatility – use with any cell type or bioparticle with a membrane
- Provides stable labeling with minimal transfer from cell to cell
- Provides rapid, uniform membrane labeling
- Combine with fluorescent antibodies or markers of cell function
- Suitable for cell tracking and proliferation studies
- Several colors (UV to NIR) for multi-parameter studies (use with existing fluorochromes for more colors)
- Far-Red and NIR versions can provide greater signal to noise due to reduced background autofluorescence
- Compatible with flow cytometers, confocal and in-vivo imaging equipment
- Less leakage

Mini Kit Components:

CellVue® dye stock (1 vial containing 0.1 ml, 1×10^{-3} M in ethanol), Diluent (1 vial containing 10 ml)

MIDI Kit Components:

CellVue® dye stock (1 vial containing 0.2 ml, 1×10^{-3} M in ethanol), Diluent (6 vials containing 10 ml)



Cat. #	Description	Size
24843-1	Burgundy – Mini Kit	1 kit
24850-1	Burgundy – MIDI Kit	1 kit
24844-1	Claret – Mini Kit	1 kit
24849-1	Claret – MIDI Kit	1 kit
24904-1	Jade – Mini Kit	1 kit
24905-1	Jade – MIDI Kit	1 kit
24841-1	Lavender – Mini Kit	1 kit
24851-1	Lavender – MIDI Kit	1 kit
24840-1	Maroon – Mini Kit	1 kit
24847-1	Maroon – MIDI Kit	1 kit
24845-1	NIR780 – Mini Kit	1 kit
24852-1	NIR780 – MIDI Kit	1 kit
24846-1	NIR815 – Mini Kit	1 kit
24853-1	NIR815 – MIDI Kit	1 kit
24842-1	Plum – Mini Kit	1 kit
24848-1	Plum – MIDI Kit	1 kit
24902-6	Diluent C	6 vials

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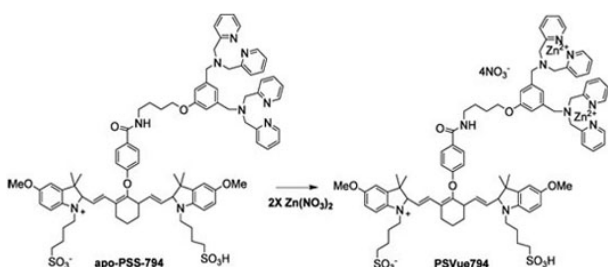
Fluorescent Dyes for Cell Biology & Oncology

Fluorescent dye kits for in vivo and in vitro imaging of apoptotic cells, cancer and bacterial infections.

PSVue® 794 Reagent Kit

A near-infrared fluorescent probe for detection of apoptotic cells, bacteria and other anionic membranes. The PSVue® 794 reagent kit contains components to provide a 1 mM solution of PSVue® 794 in aqueous solution. In vivo / in vitro use.

Excitation Max: 794nm
Emission Max: 810nm

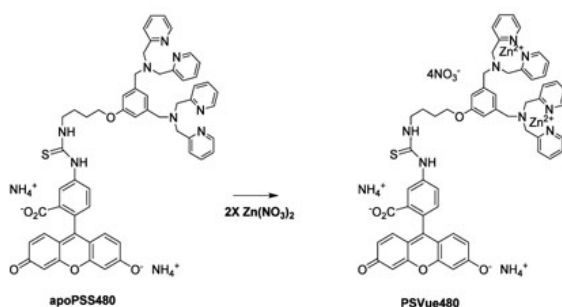


Cat. #	Description	Size
25101-1	PSVue® 794 Reagent Kit	1 kit

PSVue® 480 Reagent Kit

The PSVue® 480 (formerly PSS-480) reagent kit contains components to provide a 1 mM solution of PSVue® 380 in aqueous solution. In vitro use.

Excitation Max: 480nm
Emission Max: 519nm

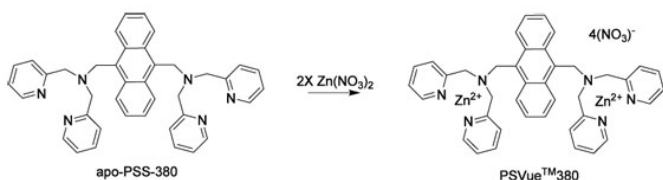


Cat. #	Description	Size
25103-1	PSVue® 480 Reagent Kit	1 kit

PSVue® 380 Reagent Kit

A long wavelength ultraviolet fluorescent probe for detection of apoptotic cells, bacteria, and other anionic membranes. In vitro use.

Excitation Max: 380nm
Emission Max: 440nm



Cat. #	Description	Size
25102-1	PSVue® 380 Reagent Kit	1 kit

Advantages

- Bind to a variety of cell types which have negatively charged phospholipids exposed on their membranes including apoptotic cells, necrotic cells, Gram+ and Gram- bacteria, activated cells, tumor vascular endothelial cells, viruses, etc.
- Available in a range of detection wavelengths from long-UV to near infrared
- Suitable for in vitro and in vivo use
- Suitable for high-throughput screening assays
- Bind to the same PS site as annexin-V

PSVue® is a trademark of Molecular Targeting Technologies, Inc. PSVue® products are sold under exclusive license from the University of Notre Dame.

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