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BactoView™ Live Fluorescent Bacterial Stains



Live cell bacteria stains, suitable for flow cytometry or fluorescence microscopy. Stain live and dead, gram-positive and gram-negative bacteria with green or red fluorescence.

Product attributes

Dye	BactoView™ Live Green, BactoView™ Live Red
Cell permeability	Membrane permeant
Colors	Green, Red
Excitation/Emission	BactoView™ Live Green: 500/520 nm (with DNA), BactoView™ Live Red: 572/675 nm (with DNA)
Concentration	500X in DMSO
Storage Conditions	Store at 2 to 8 °C, Protect from light

Product Description

BactoView™ Live dyes are fluorogenic live cell bacterial DNA stains. Bright and cell-permeant, they are able to stain both live and dead gram-positive and gram-negative bacteria for microscopy or flow cytometry.

- DNA dyes for bacteria
- Stain live and dead, gram-positive and gram-negative cells
- Choose green or red fluorescence
- Supplied at 500X in DMSO

BactoView™ Live dyes can stain both live and dead bacteria; dead cells tend to stain more brightly than live cells. BactoView™ Live Green can stain mammalian cell nuclei, but BactoView™ Live Red shows weak mitochondrial signal in mammalian cells. In yeast, staining with either BactoView™ Live dye is weak and not nuclear.

Biotium also offers BactoView™ Dead Stains and BactoView™ Viability Kits for highly-selective staining of dead bacteria, available in a selection of 7 colors from green to near-IR. BactoView™ Dead Stains also can be combined with fluorescent Gram stains like our CF® Dye WGA Conjugates. For bright and optimized labeling of bacterial endospores, see our BactoSpore™ Bacterial Stains.

See our full selection of Microbiology Stains & Kits.

BactoView™ Live Dyes

Product Name	Ex/Em (nm) (with DNA)	Detection Channel	Size (500X in DMSO)	Catalog No.
BactoView™ Live Green	500/520	FITC	20 uL	40102-T
			100 uL	40102
BactoView™ Live Red	572/675	Cy®3 (microscopy) PE-Cy®5 (flow cytometry)	20 uL	40101-T
			100 uL	40101

Cy Dye is a registered trademark of Cytiva.

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