

## 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.
<a href="#">BactoView™ Live Green</a>	500/520	FITC	20 uL	<a href="#">40102-T</a>
100 uL	<a href="#">40102</a>			
<a href="#">BactoView™ Live Red</a>	572/675	Cy®3 (microscopy) PE-Cy®5 (flow cytometry)	20 uL	<a href="#">40101-T</a>
100 uL	<a href="#">40101</a>			

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This datasheet was generated on January 9, 2026 at 05:16:49 AM. Visit product page to check for updated information before use.  
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