

NEMAMETRIX

RediStain™ Fluorescent Worm Staining Kits



Vital fluorescent dyes can provide valuable information about internal structures and biological processes such as metabolism and apoptosis. RediStain™ fluorescent staining kits improve visualization of *C. elegans*' structure and function in phenotyping studies.

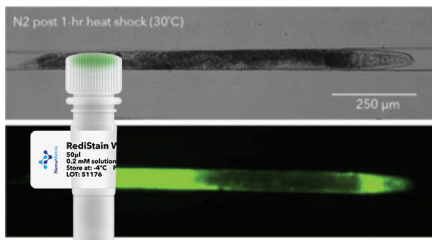
Used with the **ScreenChip System**, these new staining kits provide a more efficient way to study nematode phenotypes and their directly-related underlying genotypes that would not be possible with non-fluorescent techniques.

Each **RediStain™ fluorescent kit** is packaged in convenient sizes and concentrations. Now you can easily stain live worms and save time on more important downstream experiments.

RediStain™ Fluorescent Dyes

PRODUCT	SIZE	CAT. NO.	PRICE
RediStain™ WormDye Live/Dead	500 µL (100 uses)	DYE9438	\$135.00
RediStain™ WormDye Neuro Green	500 µL (100 uses)	DYE9437	\$135.00
RediStain™ WormDye Neuro Red	500 µL (100 uses)	DYE9443	\$135.00
RediStain™ WormDye Lyso	500 µL (100 uses)	DYE9440	\$135.00
RediStain™ WormDye Lipid Green	500 µL (100 uses)	DYE9439	\$135.00

BUY NOW at www.nemamatrix.com/reagents

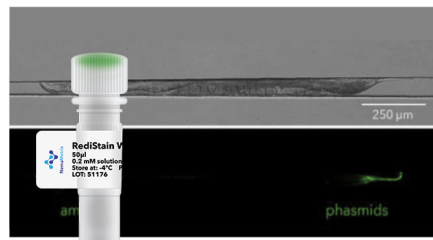


RediStain™ WormDye Live/Dead

\$135.00 CAT. NO. **DYE9438**

Indicate which worms in a population have died. Chemically equivalent to SYTOX green.

Size	500 μL (100 uses)
Packaged conc.	0.2 mM
Solute	DMSO
Ex/Em	504/523 nm

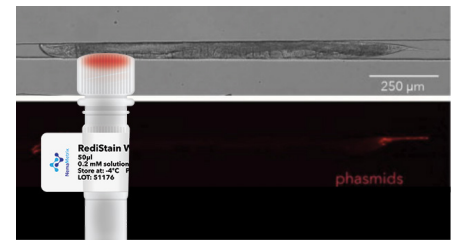


RediStain™ WormDye Neuro Green

\$135.00 CAT. NO. **DYE9437**

Used to stain amphid sensory neurons in live *C. elegans*. DiO is a lipophilic dye.

Size	500 μL (100 uses)
Packaged conc.	2 mg/mL
Solute	DMF
Ex/Em	484/501 nm

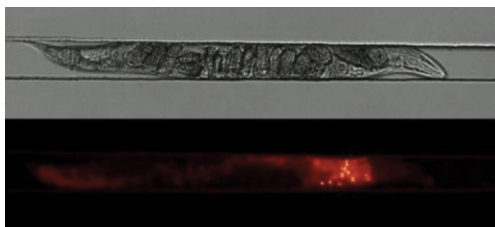


RediStain™ WormDye Neuro Red

\$135.00 CAT. NO. **DYE9443**

Used to stain amphid sensory neurons in live *C. elegans*. Dil is a lipophilic dye.

Size	500 μL (100 uses)
Packaged conc.	2 mg/mL
Solute	DMF
Ex/Em	549/565 nm

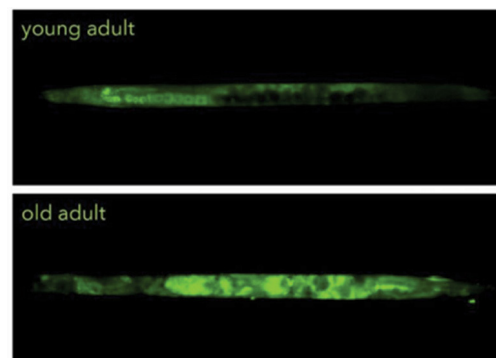


RediStain™ WormDye Lyso

\$135.00 CAT. NO. **DYE9440**

Used to stain apoptotic corpses in the *C. elegans* gonad in live worms. It is also used as a lysosomal marker.

Size	500 μL (100 uses)
Packaged conc.	4 mg/mL
Solute	Water
Ex/Em	Apoptotic corpses Ex/EM: 500 nm/526 nm Lysosomes Ex/EM: 460 nm/650 nm



RediStain™ WormDye Lipid Green

\$135.00 CAT. NO. **DYE9439**

Used to track lipids inside *C. elegans*. When using Bodipy, native lipid droplet morphology is preserved and fat content per body volume can be quantified in individual worms.

Size	500 μL (100 uses)
Packaged conc.	0.2 mM
Solute	DMSO
Ex/Em	503/493 nm