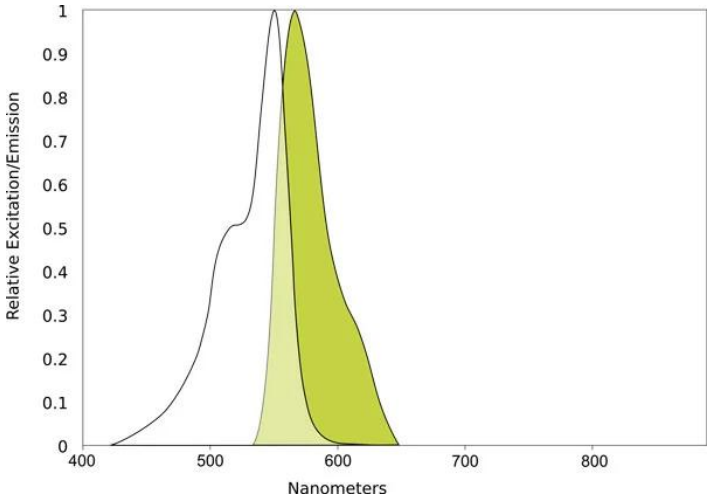
www.vectorlabs.com
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AQUORA® 550-MALEIMIDE

SKU: QBD-11974LF



DESCRIPTION

AQuora® 550-Maleimide is a thiol-reactive fluorophore engineered with SuperHydrophilic™ technology designed to improve solubility during labeling and of the dye-labeled conjugate. As a result, the dye-labeled conjugates made with AQuora® 550-Maleimide yield enhanced signal and signal-to-noise ratios in fluorescence-based applications, including fluorescent western blotting, fluorescence-based microscopy, flow cytometry, and cell-based assays. AQuora® 550-Maleimide is a cyanine-based dye with photophysical properties comparable to Alexa Fluor® 555, Cy3, DyLight® 550, and DyLight® 550 2x PEG. It is activated with a maleimide (MAL) group, which reacts with a thiol to form a thioether bond. (Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.)

SPECIFICATIONS

Molecular Weight	1530
A280 Correction Factor	0.08
Extinction Coefficient	150,000

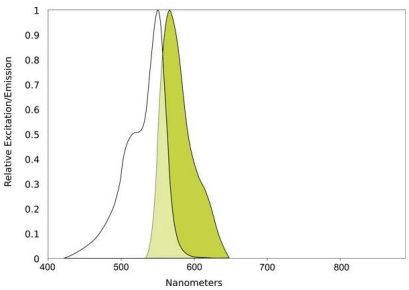
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Format	Lyophilized
Unit Size	1mg
Storage Instructions	Store at -20°C. Protect from light. May ship at ambient temperatures.
Spectrally Similar Dyes	Alexa Fluor® 555, Cy3, DyLight® 550, and DyLight® 550 2x PEG
Excitation/Emission Maximum	554 nm / 570 nm
Label	AQuora® 550
Origin	United States of America
Reactive Group	Maleimide

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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