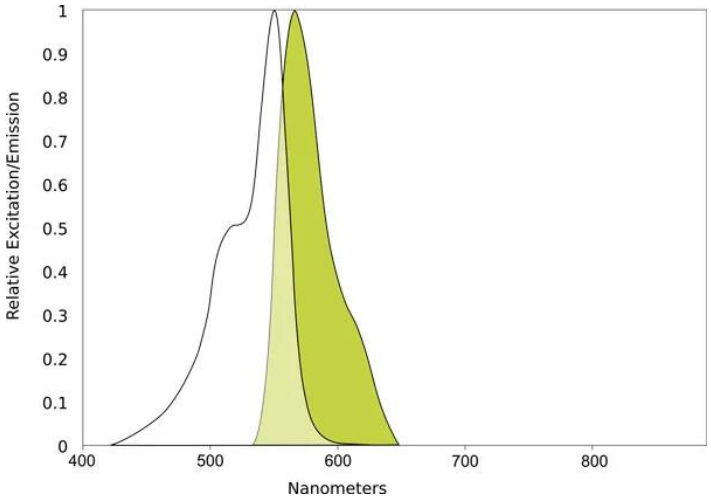
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AQUORA® 550-NHS ESTER

SKU: QBD-11973LF



DESCRIPTION

AQuora® 550-NHS Ester is an amine-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-NHS Ester 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-NHS Ester is a cyanine-based dye with photophysical properties comparable to Alexa Fluor® 555, Cy3, DyLight® 550, and DyLight® 550 2x PEG.

This AQuora® 550-NHS Ester dye is activated with an N-hydroxysuccinimide (NHS) ester group, which reacts with free primary amines, such as the amines on the side chain of lysines, forming a stable amide bond.

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.

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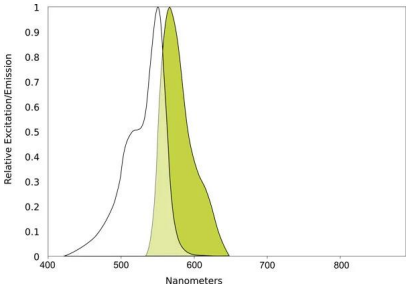
SPECIFICATIONS

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

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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