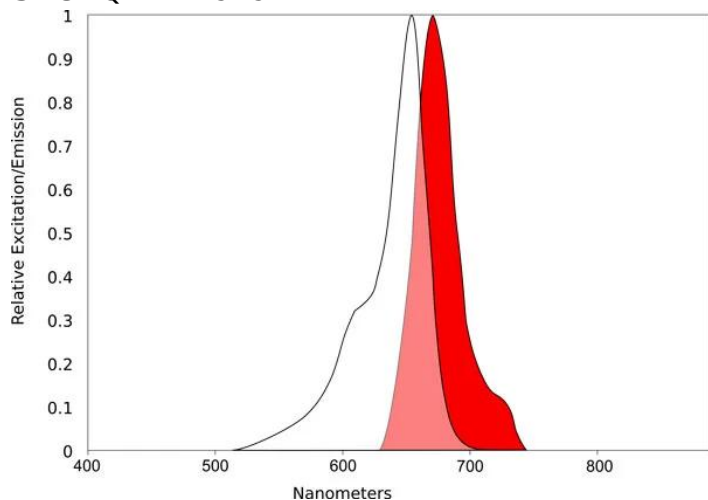


AQUORA® 650-NHS ESTER

SKU: QBD-11949LF



AQuora® 650-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® 650-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® 650-NHS Ester is a cyanine-based dye with photophysical properties comparable to Alexa Fluor® 647, Cy5, DyLight® 650, DyLight® 650 4x PEG.

This AQuora® 650-NHS Ester dye is activated with a 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.

Specifications

Unit Size	1mg
Format	Lyophilized
Storage	Store at -20°C. Protect from light. May ship at ambient temperatures.
Country of Origin	United States of America

For research use only. Not intended for animal or human therapeutic or diagnostic use.

Label	AQuora® 650
Excitation / Emission Maximum	654 nm / 674 nm
A280 Correction Factor	0.037
Reactive Group	NHS Ester
Extinction Coefficient	250,000
Spectrally Similar Dyes	Alexa Fluor® 647, Cy5, DyLight® 650, DyLight® 650
Molecular Weight	4x PEG 1900

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