

Technically
Speaking

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FLAER: Alexa fluor[®] 488 proaerolysin

FL1 – 25 µg lyophilized FLAER; reconstitute in 0.5 ml of PBS

Description:

The reagent is now supplied as a powder, which after reconstitution, produces a 10^{-6} M FLAER stock solution. This solution also contains 5 mg/mL albumin, added in order to maximize stability. Vials of FLAER should be kept in a freezer protected from light before use. Sodium azide may be added as a preservative. **The stock solution may be kept in the refrigerator protected from light for at least 1 year.**

FLAER is produced by labeling an inactive variant of the protein proaerolysin with Alexafluor[®] 488 succinimidyl ester, provided under agreement with Life Technologies Corporation. The reagent binds selectively to cell surface GPI-anchored proteins. It is intended for research purposes only and is not for resale.

5×10^{-8} M has proven to be a useful final concentration of FLAER for flow cytometry (this represents a 1 to 20 dilution of the stock directly into the test sample), however you may wish to try other concentrations for your own application.

There are a number of published methods describing the detection of PNH using FLAER. One example is Sutherland et al. in Cytometry Part B (Clinical Cytometry) 72B: 167-177 (2007). We can provide a detailed protocol upon request.

Manufactured by:

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