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Fluorescence size exclusion chromatography (FSEC) of native nanodiscs

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Protocol status: Working

We use this protocol and it's working

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Abstract

This is a protocol describing how to conduct Fluorescence size exclusion chromatography of native nanodiscs.



- 1 Conduct extraction into native nanodiscs following established protocols.
- 2 Inject 200uL native nanodiscs onto a Superose6 (10/300GL) column which is pre-equilibrated with TBS.
- 3 Perform separation at a flow rate of 0.5 mL/min and detect eluent with a Shimadzu fluorometer with excitation set to 488 nm and emission set to 509 nm.
- 4 Collect eluent for downstream analysis.