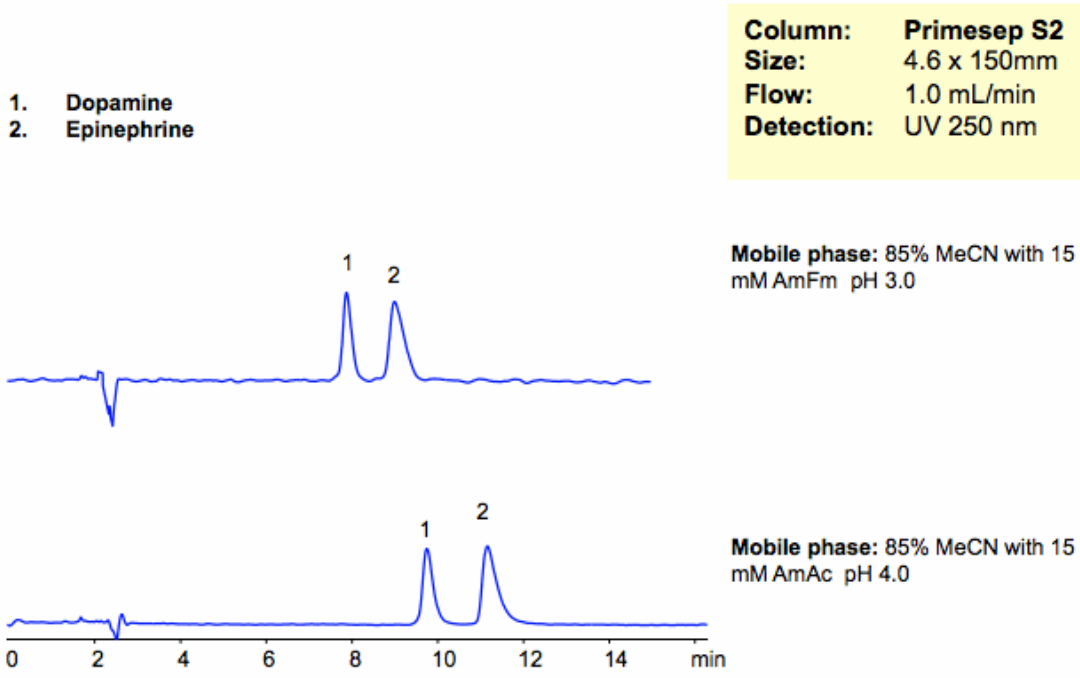
HPLC Separation of Dopamine and Epinephrine in HILIC and Cation-Exchange Modes



Dopamine and epinephrine were separated on a Primesep S2HILICmixed-mode column. Dopamine and epinephrine are retained by HILIC and cation-exchange mechanisms. Retention time is controlled by the amount of ACN, buffer and buffer pH. Method is compatible with LC/MS and can be used for analysis of polar metabolites in biofluids.

Method Parameters

Column	Primesep S2, 4.6×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O
Buffer	AmFm
Flow Rate	1.0 mL/min
Detection	UV, 250 nm

Quelle:
https://sielc.com/Application-HPLC-Separation-of-Dopamine-and-Epinephrine-in-HILIC-and-Cation-Exchange-Modes