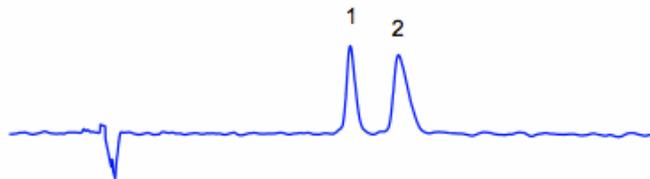


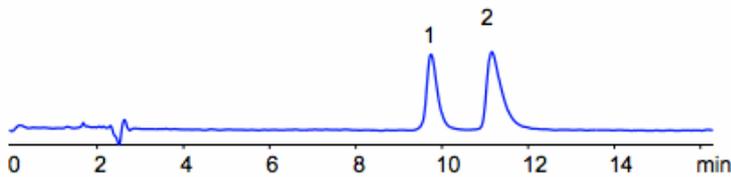
HPLC Separation of Dopamine and Epinephrine in HILIC and Cation-Exchange Modes

1. Dopamine
2. Epinephrine

Column: Primesep S2
Size: 4.6 x 150mm
Flow: 1.0 mL/min
Detection: UV 250 nm



Mobile phase: 85% MeCN with 15 mM AmFm pH 3.0



Mobile phase: 85% MeCN with 15 mM AmAc pH 4.0

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, 4.6x150 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>