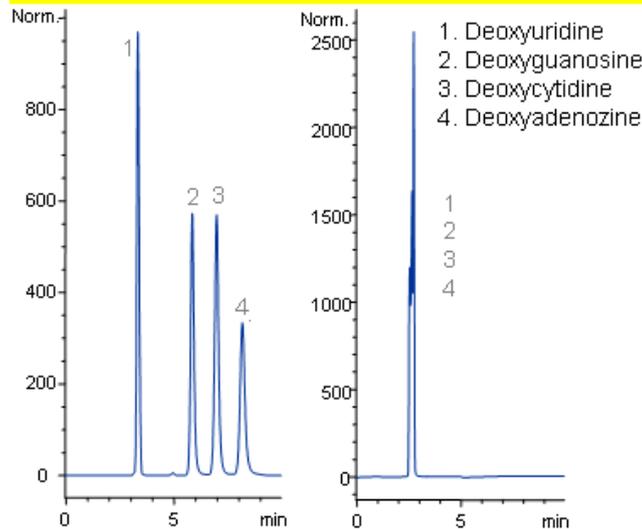


Separation of Deoxyribo Nucleosides

| | |
|--|--|
| Column: Primesep 200 | Column: Common C18 |
| Column Size: 250 x 4.6 mm | Column Size: 250 x 4.6 mm |
| UV 270 nm | UV 270 nm |
| Mobile phase: Water/MeCN/TFA – 85/15/0.075 % | Mobile phase: Water/MeCN/TFA – 90/10/0.1 % |



Primesep 200 separates with baseline resolution the nucleosides (deoxyuridine, deoxyguanosine, deoxycytidine, deoxyadenosine) by a combination of cation exchange and reversed phase. These compounds are not retained on a traditional C18 column. Primesep 200 has an embedded anionic functional group which helps retain polar compounds by polar and ion-exchange mechanisms. Excellent peak shape results with a mass spec compatible mobile phase of water, acetonitrile (MeCN, ACN) and trifluoroacetic acid (TFA) with UV detection at 270 nm.

Method Parameters

| | |
|-----------|--------------|
| Detection | UV Detection |
|-----------|--------------|

Quelle: <https://sielc.com/Application-Separation-of-Deoxyribo-Nucleic-Acid>