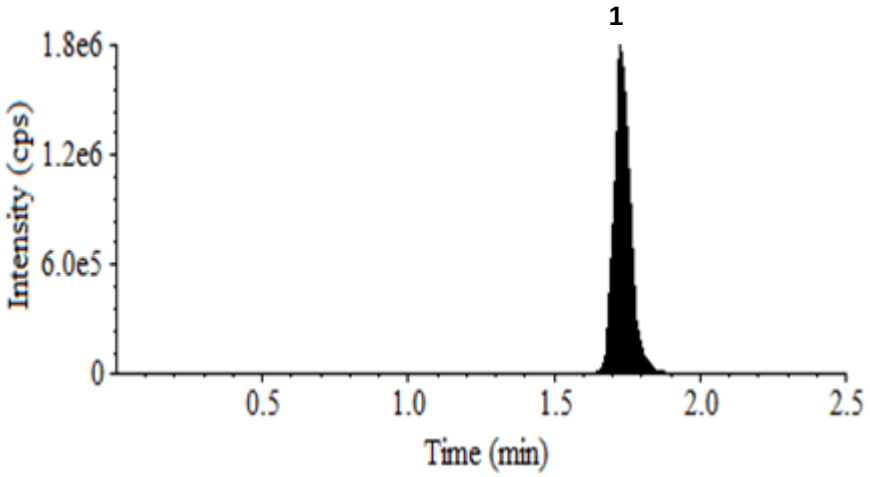
# Carglumic Acid in Human Plasma by LC-MS/MS

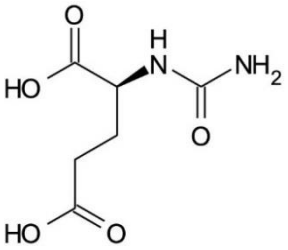
ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN3750**

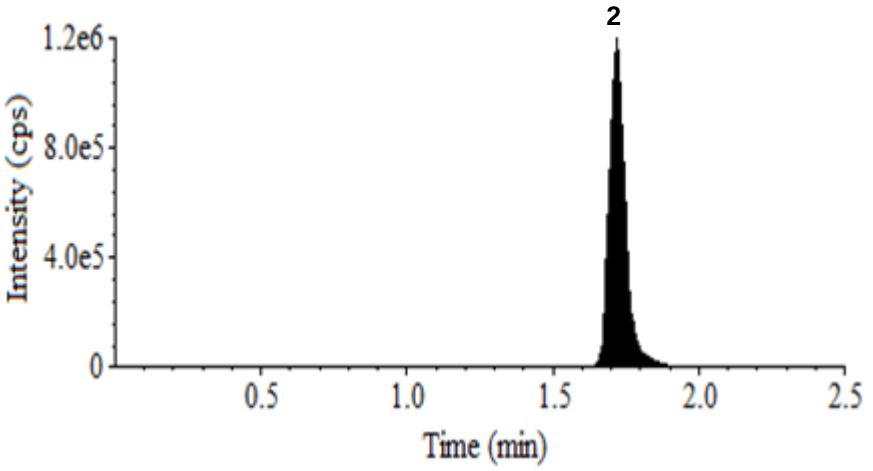
**Conditions**

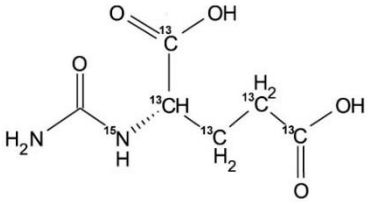
| | |
|---|---|
| Column: | ACE 5 CN |
| Dimensions: | 150 x 4.6 mm |
| Part Number: | ACE-124-1546 |
| Mobile Phase: | MeCN/MeOH/0.1% acetic acid pH 3.2 (40:40:20 v/v/v) |
| Flow Rate: | 1 mL/min |
| Temperature: | 40 °C |
| Detection: | MDS Sciex API-4000 triple quad MS<br>Negative ion mode ESI<br>Ion source temperature: 500 °C<br>Ion spray voltage: -4500 V<br>20% split flow to ion spray interface |




1. Carglumic acid
(*m/z* 189 → 146)
(LLOQ 6.0 ng/mL)




2. Carglumic acid-$^{13}C$ $^{15}N$ (I.S.)
(*m/z* 195 → 152)

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