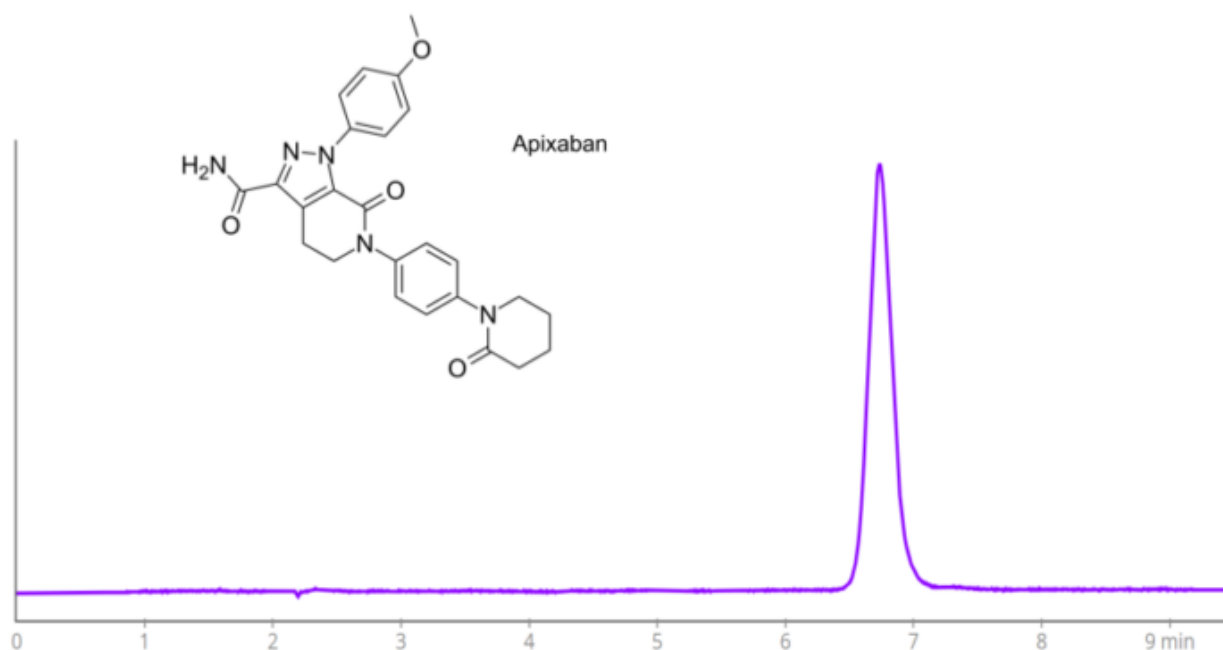


Analysis of Eliquis (Apixaban) on Primesep B Column on Alltesta™

<https://sielc.com/hplc-method-for-analysis-of-apixaban>

Chromatogram

SiELC



Column	Primesep B
Column Size	4.6 x 150 mm, 5 µm
Part Number	B-46.150.0510
Mobile Phase	MeCN/H ₂ O - 30/70%
Buffer	AmFm pH 3.0- 20 mM
Flow Rate	1.0 mL/min
Injection Volume	20 µL
Detection	UV 275 nm
Device	Alltesta™ Gradient Automated Analyzer

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Apixaban

Apixaban is an anticoagulant medication with the chemical formula C₂₅H₂₅N₅O₄. It is used primarily to treat and prevent blood clots and stroke. It works through directly inhibiting factor Xa. In patients who have undergone knee or hip replacement surgery, apixaban helps prevent deep vein thrombosis.

Apixaban can be retained and analyzed using the Primesep B stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with phosphoric acid as a buffer. Detection is performed

using UV.

Method Parameters

Mobile Phase	MeCN – 30%
Buffer	Ammonium Formate
Flow Rate	1.0 mL/min
Detection	UV 275 nm
Class of Compounds	Drug
Analyzing Compounds	Apixaban

HPLC Column Used

Primesep B, 4.6 x 150 mm, 5 µm, 100 A, dual ended

[Order this column at **hplc-shop.de** →](#)