

KryptoScan™ (⁸¹Rb/^{81m}Kr) generator

KryptoScan™ is a radionuclide generator. The mother radionuclide (Rubidium-81) is immobilized on a membrane, through which the daughter radionuclide (Krypton-81m) is eluted with the passing of air. Krypton-81m is ideally suited for lung ventilation studies. Its very short half-life results in a low radiation burden for the patient. With a gamma energy higher than that of ^{99m}Tc, it enables lung ventilation studies to be performed immediately after a perfusion study of the pulmonary vascular bed.



PRODUCT SPECIFICATION

Kryptoscan™ (⁸¹ Rb/ ^{81m} Kr) generator
75 - 740 MBq per generator at calibration time and date
Radionuclide generator
Do not store the generator at temperatures above 25°C
Expiry is 20 hours after calibration time
⁸¹ Rb breakthrough: <50Bq/GBq/L ^{81m} Kr
Half-life ⁸¹ Rb: 4.57 hours

- ✓ AVAILABILITY: daily
- ✓ CALIBRATION: 12:00 pm, CET day after production
- ✓ PACKAGING: radionuclide generator
- ✓ ORDERING: Curium Pharma is the exclusive distributor for KryptoScan™ (⁸¹Rb/^{81m}Kr) generator of BV Cyclotron VU.

BV CYCLOTRON VU

BV Cyclotron VU is a global health science company that produces radiopharmaceuticals and radiochemicals for medical diagnostics and research.

ADDRESS

De Boelelaan 1081
1081 HV Amsterdam
The Netherlands

CONTACT

☎ +31 20 44 49 123
✉ info@cyclotron.nl
🌐 www.cyclotron.nl