

KryptoScan ($^{81}\text{Rb}/^{81\text{m}}\text{Kr}$) 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 technetium-99m, it enables lung ventilation studies to be performed immediately after a perfusion study of the pulmonary vascular bed.

Product specifications

KryptoScan ($^{81}\text{Rb}/^{81\text{m}}\text{Kr}$) generator

74-740 MBq/ml per generator at calibration time and date

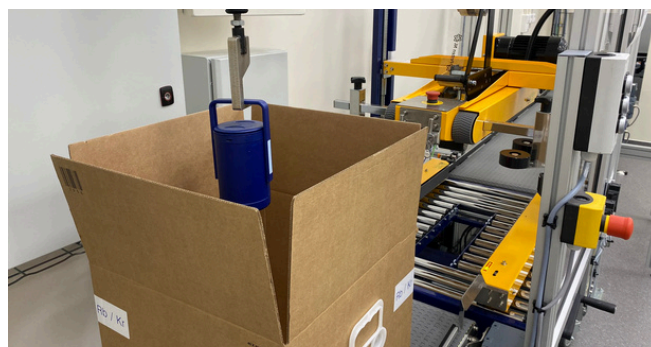
Radionuclide generator

Do not store the generator at temperatures above 25°C

Expiry is 20 hours after calibration time

Other radionuclides <0.1%

Half-life: 4.57 hour (^{81}Rb) and 13 sec ($^{81\text{m}}\text{Kr}$)



✓ AVAILABILITY:
daily

✓ CALIBRATION:
12:00 pm, CET day after production

✓ PACKAGING:
radionuclide generator

✓ ORDERING:
Curium Pharma

