

Materials List for:

Preparation and Evaluation of ^{99m}Tc-labeled Tridentate Chelates for Pre-targeting Using Bioorthogonal Chemistry

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URL: <https://www.jove.com/video/55188>

DOI: [doi:10.3791/55188](https://doi.org/10.3791/55188)

Materials

Name	Company	Catalog Number	Comments
Argon gas	Alphagaz	---	---
Na ₂ CO ₃	EMD Millipore	106395	---
Na ₂ B ₄ O ₇ ·10H ₂ O	Anachemia	S9640	---
KNaC ₄ H ₄ O ₆ ·4H ₂ O	Anachemia	217255	---
Technelite ^{99m} Tc generator	Lantheus medical imaging	---	Source of ^{99m} TcO ₄ ⁻
0.9% Saline	Lantheus medical imaging	---	To elute generator
1 M HCl	Lab Chem	---	---
MeOH	Caledon	---	---
ACN	Caledon	---	HPLC grade
Millipore H ₂ O	Thermo Fisher Scientific	Barnstead Nanopure	---
DCM	Caledon	---	---
TFA	Caledon	---	---
PBS	Thermo Fisher Scientific	10010023	pH 7.4 1x
BSA	Sigma Aldrich	A7906	---
Tween80	Sigma Aldrich	P8047	---
Isoflurane	CDMV	108737	Supplier: Fresenius Kabi Animal Health
HPLC	Waters	1525 Binary Pump, 2998 Photodiode Array Detector, E-SAT/IN, Bioscan Flowcount PMT detector (item # 15590)	---
HPLC column for analysis and purification of compounds 2-4	Phenomenex	00G-4435-E0	Gemini® 5 µm C18 110 Å, LC Column 250 x 4.6 mm
HPLC column for analysis and purification of compounds 1 and 5	Waters	186003115	XBridge BEH C18 Column, 130 Å, 5 µm, 4.6 mm x 100 mm
Microwave Reactor	Biotage	Initiator 8	---
Biotage V10 Evaporator	Biotage	Serial # V1041	---
Dose calibrator	Capintec, Inc.	CRC-25R	---
Gamma counter	Perkin Elmer	Wizard 1470 Automatic Gamma Counter	---
Animal room scale	Mettler Toledo	XP105 Delta Range	---
Microwave vials	Biotage	355629	0.5-2 mL