

Materials List for:

Preparing a ⁶⁸Ga-labeled Arginine Glycine Aspartate (RGD)-peptide for Angiogenesis

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Materials

Name	Company	Catalog Number	Comments
⁶⁸ Ga/ ⁶⁸ Ge generator	ITG Company	-	10 mCi
Hydrogen chloride solution	Sigma-aldrich	84429	
Sodium acetate	Sigma-aldrich	S2889	
C18 reverse-phase cartridge	Waters	WAT020515	
0.22-μm sterile filter	Millipore	SLGV033RS	
Radio-TLC scanner	Bioscan	AR2000	
ITLC paper	Agilent	SGI001	
Citric acid	Sigma-aldrich	251275	
HPLC	Waters	-	Waters 1525 system containing binary pump, photo diode array (Waters 2998), radioactivity detector (Raytest, Gabi)
Acetonitrile	J.T. Baker	14-650-359	
Trifluoroacetic acid	Sigma-aldrich	302031	
Dulbecco's modified Eagle media	Thermo fisher scientific	11965092	
fetal bovine serum	Thermo fisher scientific	16000044	
T175 flasks	Corning	CLS431080	
Trypsin-EDTA (0.25%)	Thermo fisher scientific	25200072	
penicillin-streptomycin	Thermo fisher scientific	15240112	
γ-counter	Perkin Elmer	-	1480 Wizard 3
Insulin syringe	Becton Dickinson	326105	
Syringe pump	Harvard Apparatus	70-4500	
micro-PET/CT	Siemens Inveon	-	