

Materials List for:

## *In vivo* <sup>19</sup>F MRI for Cell Tracking

Mangala Srinivas<sup>1</sup>, Philipp Boehm-Sturm<sup>2</sup>, Markus Aswendt<sup>2</sup>, Eberhard D. Pracht<sup>2,3</sup>, Carl G. Figdor<sup>1</sup>, I. Jolanda de Vries<sup>1</sup>, Mathias Hoehn<sup>2</sup>

<sup>1</sup>Department of Tumor Immunology, Nijmegen Center for Molecular Life Sciences, Radboud University Medical Center

<sup>2</sup>In-Vivo-NMR Laboratory, Max Planck Institute for Neurological Research

<sup>3</sup>German Center for Neurodegenerative Diseases (DZNE)

Correspondence to: Mangala Srinivas at [M.Srinivas@ncmls.ru.nl](mailto:M.Srinivas@ncmls.ru.nl)

URL: <https://www.jove.com/video/50802>

DOI: [doi:10.3791/50802](https://doi.org/10.3791/50802)

### Materials

Name	Company	Catalog Number	Comments
<b>REAGENTS</b>			
PBS	Sigma-Aldrich	MFCD00131855	
TFA	Sigma-Aldrich	76-05-1	
Ketamine (Ketavet)	Pfizer	778-551	
Xylazine (Rompun)	Bayer	QN05 cm92	
Ophtosan	Produlab Pharma	2702	eye ointment
<b>Material name</b>			
MRI scanner	Bruker Biospec		
NMR spectrometer	Bruker Biospec		