

Materials List for:

An *Ex vivo* Model of an Oligodendrocyte-directed T-Cell Attack in Acute Brain Slices

Kerstin Göbel¹, Stefan Bittner^{1,2}, Manuela Cerina³, Alexander M. Herrmann¹, Heinz Wiendl¹, Sven G. Meuth^{1,3}

¹Department of Neurology, University of Münster

²Germany and Interdisciplinary Center for Clinical Research (IZKF) Münster

³Institute of Physiology I - Neuropathophysiology I, University of Münster

Correspondence to: Kerstin Göbel at kerstin.goebel@ukmuenster.de

URL: <https://www.jove.com/video/52205>

DOI: [doi:10.3791/52205](https://doi.org/10.3791/52205)

Materials

Name	Company	Catalog Number	Comments
12-Well plate	Corning	3513	
2-Mercaptoethanol	Gibco	31350-010	
2-Methylbutan	Roth	3927.1	
70 µm strainer	Falcon	352350	
CaCl ₂	Merck	1.02382.0500	calcium chloride
CD8 ⁺ -isolation kit	Miltenyi Biotech	130-090-859	
D(+)-glucose	Merck	1.08337.1000	
DMEM	Gibco	31966-021	warm in 37 °C water bath before use
EDTA	Sigma	E5134	
FCS	PAA Laboratories	A15-151	fetal calve serum
Gentamicin	Gibco	15750-060	
HEPES 1 M	Gibco	15630-050	
IL-2	Peprtech	212-12	
Isofluran	Abbott	05260-05	
KCl	Merck	1.04933.0500	potassium chloride
KHCO ₃	Sigma	P9144	potassium hydrogen carbonate
L-Glutamine	Gibco	35050-038	
MgSO ₄	Merck	1.05886.0500	magnesium sulfate
NaCl	Sigma	31434	sodium chloride
NaH ₂ PO ₄ * H ₂ O	Merck	1.06346.0500	sodium hydrogen phosphate
NaHCO ₃	Merck	1.06329.0500	sodium hydrogen carbonate
NaOH	Merck	1.09137.1000	sodium hydroxide
NH ₄ Cl	Sigma	213330	ammonium chloride
Non essential amino acid	Gibco	11140-050	
OVA (257-264)	Genscript	RP10611	ovalbumin
PIPES	Sigma	P6757	
Sucrose	Merck	1.07687.1000	
Tissue-Tek OCT	Sakura	4583	