

Materials List for

Delivery of Antibodies into the Brain Using Focused Scanning Ultrasound

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jove.com/video/61372

Materials

| Name | Company | Catalog Number | Comments |
|--|------------------|----------------|---------------------|
| 1,2-distearoyl-sn-glycero-3-phosphocholine | Avanti | 850365C | |
| 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[amino(polyethyleneglycol)-2000] | Avanti | 880128C | |
| AlexaFluor 647 antibody labeling kit | Thermo Fisher | A20186 | |
| CD68 antibody | AbD Serotec | MCA1957GA | Use 1:1000 dilution |
| Chloroform | Sigma-Aldrich | 372978 | |
| Coulter Counter (Multisizer 4e) | | | |
| Glycerol | Sigma-Aldrich | G5516 | |
| Goat anti-rabbit IgG, Alexa Fluor 488 | Thermo Fisher | A-11008 | Use 1:500 dilution |
| Goat anti-rabbit IgG, Alexa Fluor 488 | Thermo Fisher | A-11077 | Use 1:500 dilution |
| head holder (model SG-4N, Narishige Japan) | | | |
| Iba1 antibody | Wako | 019-19741 | Use 1:1000 dilution |
| Image analysis software | Beckman Coulter | #8547008 | |
| Isoflow flow solution | Beckman Coulter | B43905 | |
| Near infrared imaging system Odyssey Fc | Licor | 2800-03 | |
| Octafluoropropane | Arcadophta | 0229NC | |
| Propylene Glycol | Sigma-Aldrich | P4347 | |
| TIPS (Therapy Imaging Probe System) | Philips Research | TIPS_007 | |
| | Bitplane | | |