

Materials List for:

Measuring the Induced Membrane Voltage with Di-8-ANEPPS

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Materials

| Name | Company | Catalog Number | Comments |
|------------------------------------|--------------------------|----------------|------------------------------------------------------|
| di-8-ANEPPS | Invitrogen | D-3167 | potentiometric fluorescent dye |
| pluronic | Invitrogen | P3000MP | potassium ionophore |
| DMSO | Sigma-Aldrich | D2650 | |
| SMEM | Sigma-Aldrich | M8167 or M4767 | Spinner modification of the Minimum Essential Medium |
| Ham-F12 | Sigma-Aldrich | N4888 | culture medium |
| fetal calf serum | Sigma-Aldrich | F4135 | |
| L-glutamine | Sigma-Aldrich | G7513 | |
| crystacillin | Pliva | 625110 | antibiotic |
| gentamicin | Sigma-Aldrich | G1397 | antibiotic |
| Lab-Tek II | Nalge Nunc international | 155379 | chamber |
| DC voltage supply | Elektro-Automatik | | |
| microprocessor-controlled switcher | Custom Made | | |
| electrodes | Custom Made | | Pt/Ir |