

Materials List for:

Preparation of Extracellular Matrix Protein Fibers for Brillouin Spectroscopy

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Materials

| Name | Company | Catalog Number | Comments |
|-----------------------------|----------------------------|---------------------|--|
| Chondroitinase ABC | Sigma-Aldrich | C2905 | |
| Tris Buffer | Fluka | 93358 | |
| Sodium Acetate | Fisher Scientific | S608-500 | |
| PBS | Sigma-Aldrich | P4417 | |
| Sodium Azide | Fisher Scientific | S2002 | |
| Streptomyces Hyaluronidase | Sigma-Aldrich | H1136-1AMP | |
| Sodium Chloride | Fisher Scientific | S7653 | |
| Trypsin | Sigma-Aldrich | T4665 | |
| Sodium Phosphate | Sigma-Aldrich | S9638 | |
| Sodium Hydroxide | Fisher Scientific | S320-500 | |
| Pure Water | Millipore | ZRQS0P3WW | Produced in-house |
| Distilled Water | Bibby Scientific Limited | D4000 | Produced in-house from water still |
| Euthatal | Merial | J01601A | |
| Tandem Interferometer TFP-1 | JRS Scientific Instruments | | |
| Freezer | Lec | TU55144 | |
| Refrigerator | Zanussi | ZBA15021SA | |
| Hot Plate | Fisher Scientific | SP88857206 | |
| Clamps | VWR | 241-7311 & 241-7201 | |
| Clamp Stand | VWR | 241-0093 | |
| Thermometer | Fisher Scientific | 13-201-401 | |
| Cling Film | Sainsbury's | 7650540 | |
| Parafilm | Sigma-Aldrich | P7793-1EA | |
| Silicone | IDB Technologies | N/A | No catalogue number. Order upon request. |
| Cover Glass | VWR | 631-1571 | |
| Conical Flask | VWR | 214-1175 | |
| Beaker | VWR | 213-0469 | |
| Measuring Cylinder | VWR | 612-3838 | |
| Vial | VWR | 548-0051 & 548-0863 | |
| Petri Dish | VWR | 391-0441 | |
| Scalpel | Swann Morton Ltd | 0914 & 0308 | |
| Diamond Scribe | RS Instruments | 394-217 | |
| Soldering Iron | RS Instruments | 231-5332 | |
| Fine Forceps | VWR | 232-0188 | |

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|-----------------------------|-------------------|---------------|--|
| Double Micro-Spatula | VWR | Various Sizes | |
| pH Meter | Hanna Instruments | HI-2210-02 | |
| Orbital Shaker | IKA | 0002819000 | |