

Materials List for:

Electronic Tongue Generating Continuous Recognition Patterns for Protein Analysis

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Materials

| Name | Company | Catalog Number | Comments |
|--|------------------------------|----------------|---|
| SPRi apparatus | Horiba Scientific-GenOptics | | SPRi apparatus is placed in a temperature regulated incubator at 25 °C. |
| Incubator | Memmert | | |
| Syringe pump | Cavro scientific instruments | Cavro XLP 6000 | |
| Micro Elite Degasser | Alltech | AT590507 | |
| 6-port medium pressure injection valve | Upchurch Scientific | | The volume of injection loop used is 500 µl. |
| Femto plasma cleaner (version 7) | Diener Electronic | | On-line degassing system with 2 channel. |
| Spotter | Silliflow | | It is a non-contact piezoelectric spotter. |
| SPRi-Biochip | Horiba Scientific-GenOptics | 36000067 | The prism is made of a high refractive index glass prism coated with a thin gold film (45 nm) and specially developed for imaging purposes. |
| Erythrina cristagalli lectin | Sigma-Aldrich | L5390 | |
| Arachis hypogaea lectin | Sigma-Aldrich | L0881 | |
| Myoglobin | Sigma-Aldrich | M1882 | |
| Lysozyme | Sigma-Aldrich | L6876 | |
| CXCL12 α | | | Provided by Dr. Hugues Lortat-Jacob; for preparation details, see supporting information in reference 9 |
| CXCL12 γ | | | Provided by Dr. Hugues Lortat-Jacob; for preparation details, see supporting information in reference 9 |
| Lactose | | | Provided by Prof. David Bonnaffé; for preparation details, see supporting information in reference 9 |
| Sulfated lactose | | | Provided by Prof. David Bonnaffé; for preparation details, see supporting information in reference 9 |
| Glycerol | Sigma-Aldrich | G5150 | |
| SDS | Sigma-Aldrich | L4509 | |

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|----------------------------|---------------|--------|--|
| Tween 20 | Sigma-Aldrich | 274348 | |
| HEPES | Sigma-Aldrich | H3375 | |
| Sodium phosphate monobasic | Sigma-Aldrich | S0751 | |
| Sodium chloride | Sigma-Aldrich | S3014 | |