1. Material Type

|  |  |
| --- | --- |
| Natural | A |
| Synthetic | B |
| Modified | C |

1. Functionalization

|  |  |
| --- | --- |
| anti-inflammatory | A |
| pro-inflammatory | B |
| Neuropeptides/growth factors | C |
| None | D |
| Anti-inflammatory plus Pro-inflammatory | E |

1. Modulus

Unit: kPa

1. Degradation time

Unit: days

1. Crosslink Method

|  |  |
| --- | --- |
| Physical | A |
| Chemical | B |
| Photocrosslink | C |

1. Macrophage\_Type

|  |  |
| --- | --- |
| Murine-derived monocytes | A |
| RAW264.7 | B |
| Human-derived monocytes | C |

1. Cultivation Time

Unit: h

8. Aperture Size

Unit: um

9. Polarization

|  |  |
| --- | --- |
| M0 | A |
| M1 | B |
| M2 | C |