



# Arcofeliz GE (Low-Endotoxin Gelatin)

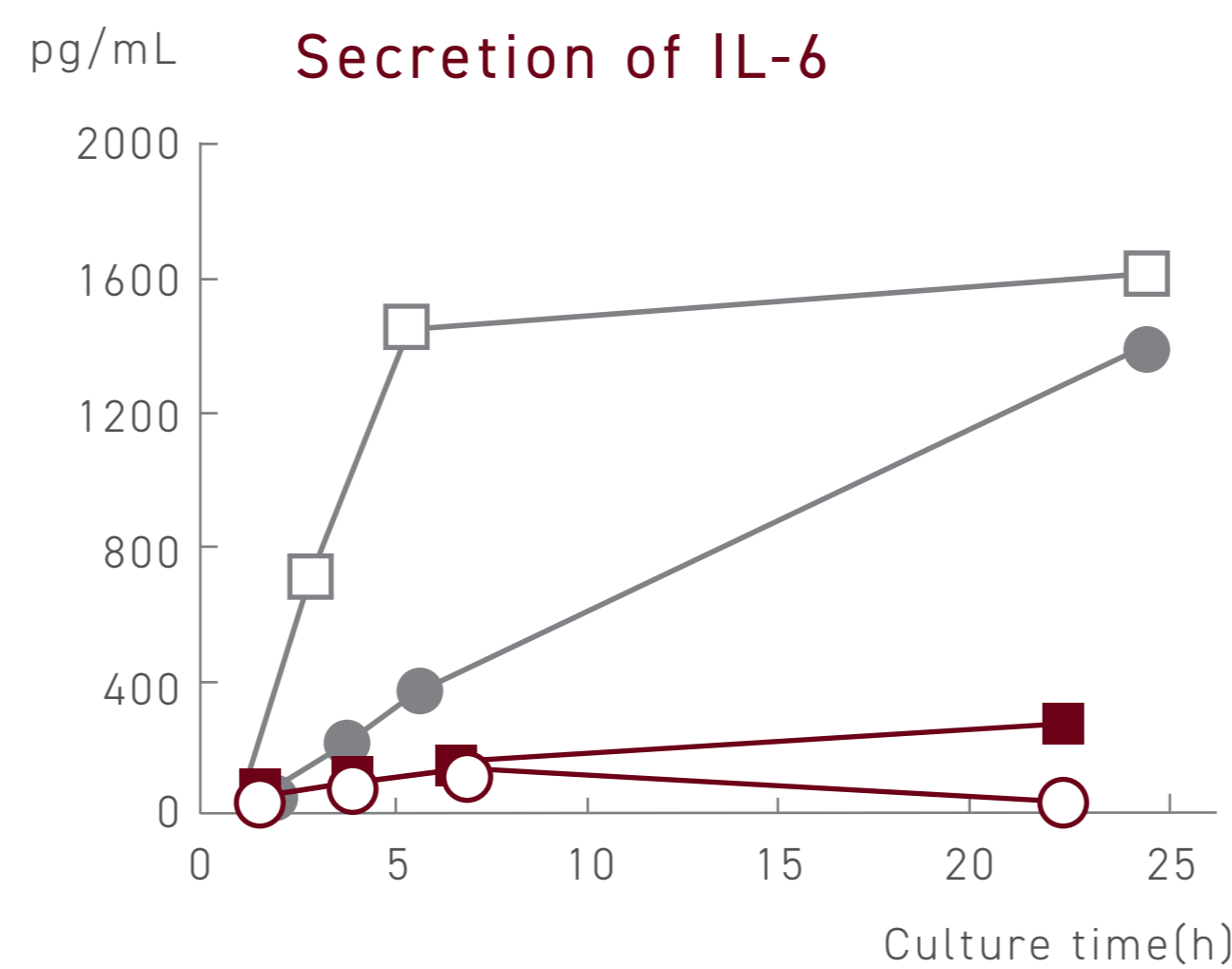
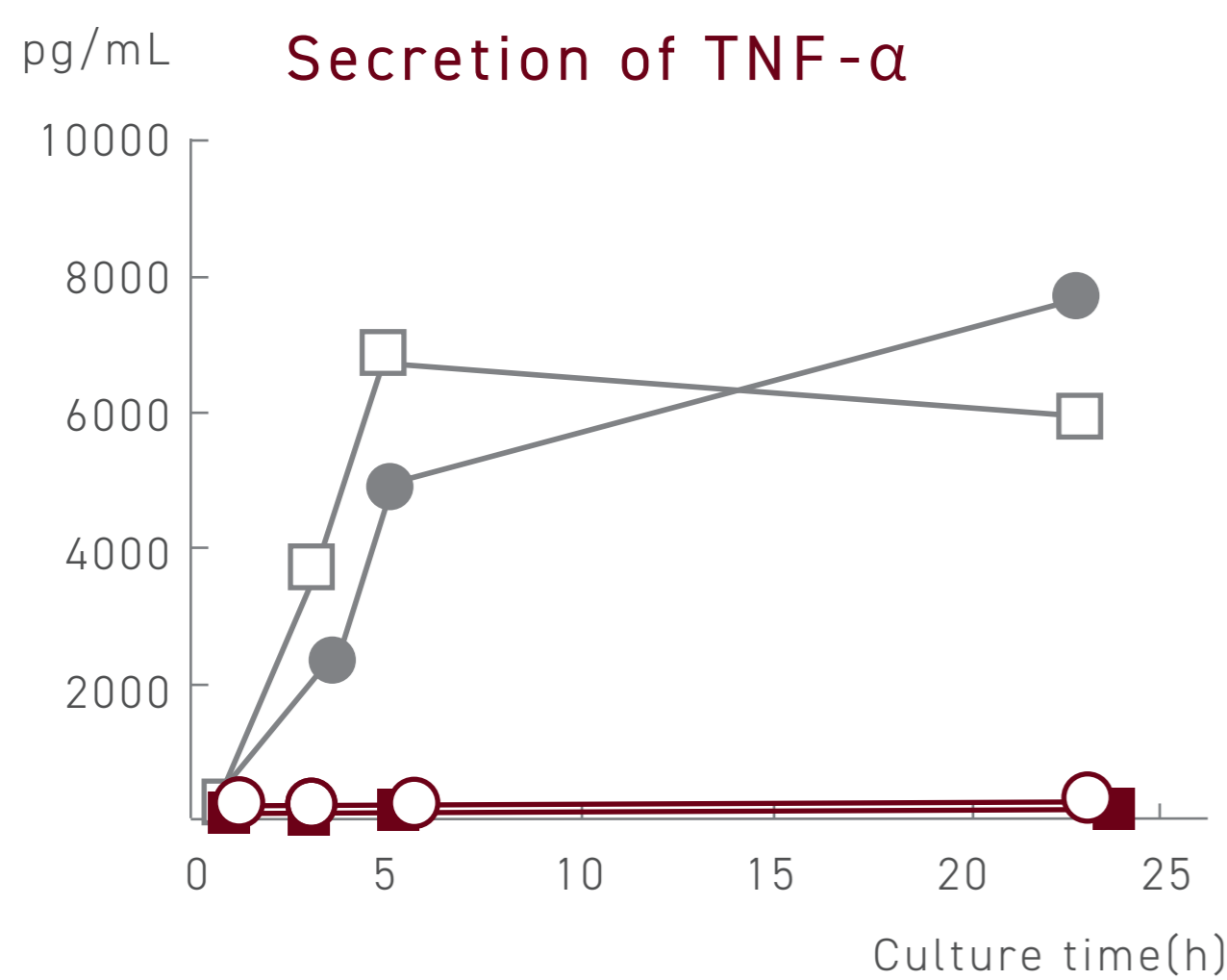
Arcofeliz GE is Low-Endotoxin Gelatin produced by purification with a newly developed endotoxin removal material\*<sup>1</sup> (non-GMP)

## Developed products list

| Product number    | Type* <sup>2</sup>        | Specification                     |
|-------------------|---------------------------|-----------------------------------|
| Arcofeliz GE-PA10 | Type A, from porcine skin | Japanese Pharmacopoeial Reference |
| Arcofeliz GE-PB10 | Type B, from porcine bone | Gel strength ≥250 g               |
| Arcofeliz GE-FA10 | Type A, from fish         | Endotoxin level ≤10 EU/g          |
|                   |                           | Viable count ≤100 CFU/g           |

\*<sup>2</sup> Gelatin Type B from bovine is also available. Furthermore, the gel strength can also be controlled as required.

## Biological test using macrophages \*<sup>3</sup>



By reducing the endotoxin level, marked reduction in secretion of inflammatory cytokines (TNF-α, IL-6) was achieved.

□ Type A, from porcine (Japanese Pharmacopoeial Gelatin) ● Type B, from porcine (Japanese Pharmacopoeial Gelatin)  
■ Arcofeliz GE-PA10 ○ Arcofeliz GE-PB10

|                      |  |
|----------------------|--|
| <b>Intended uses</b> | Raw materials for implantable medical device, Regenerative medicines, Cell culture base material, Pharmaceutical raw materials |
|----------------------|--|

|                         |  |
|-------------------------|--|
| <b>Safety test data</b> | Cytotoxicity test negative<br>Acute toxicity test negative<br>Mycoplasma test negative |
|-------------------------|--|

\*<sup>1</sup> Collaborative research with Kumamoto University

\*<sup>3</sup> Data provided by Professor Matsumura, Japan Advanced Institute of Science and Technology

Details of the products and download of the catalog are available via the URL or with the QR code on the right.

Advanced Endotoxin Removal Solution site  
<https://www.nagase.co.jp/low-endotoxin/english/>



Nagase & Co., Ltd. Corporate site  
<https://www.nagase.co.jp/english/>



This catalog and product specifications are subject to change without notice. The Company has prepared this catalog carefully, using data and research results. However, we cannot guarantee that the contents of the catalog, as well as any intellectual property rights or related laws and regulations, will not be violated. The Company assumes no responsibility for any results of using this product. Please evaluate the suitability of this product for your application, purpose, and conditions before use.