



Arcofeliz AL

(Low-Endotoxin Sodium Alginate)

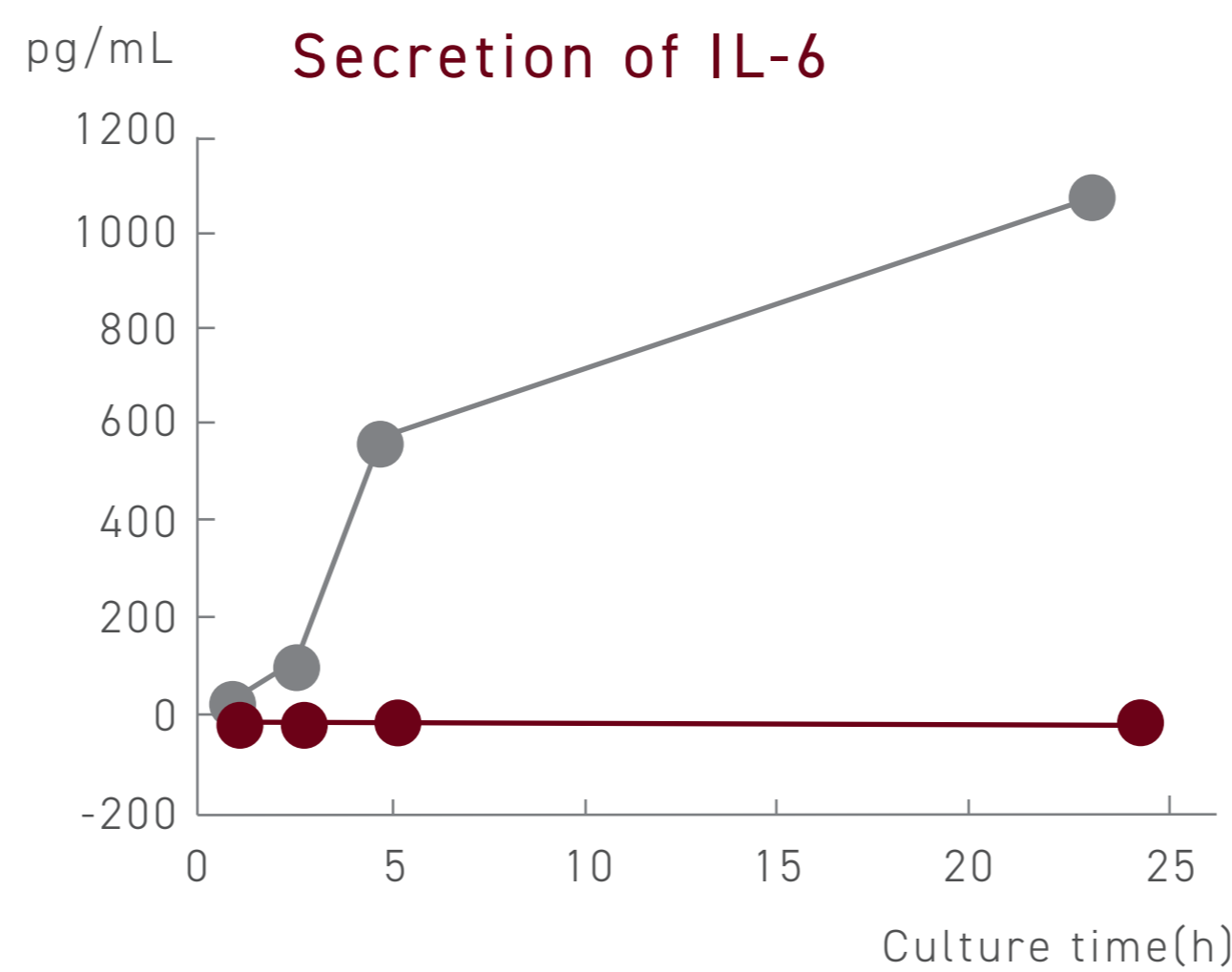
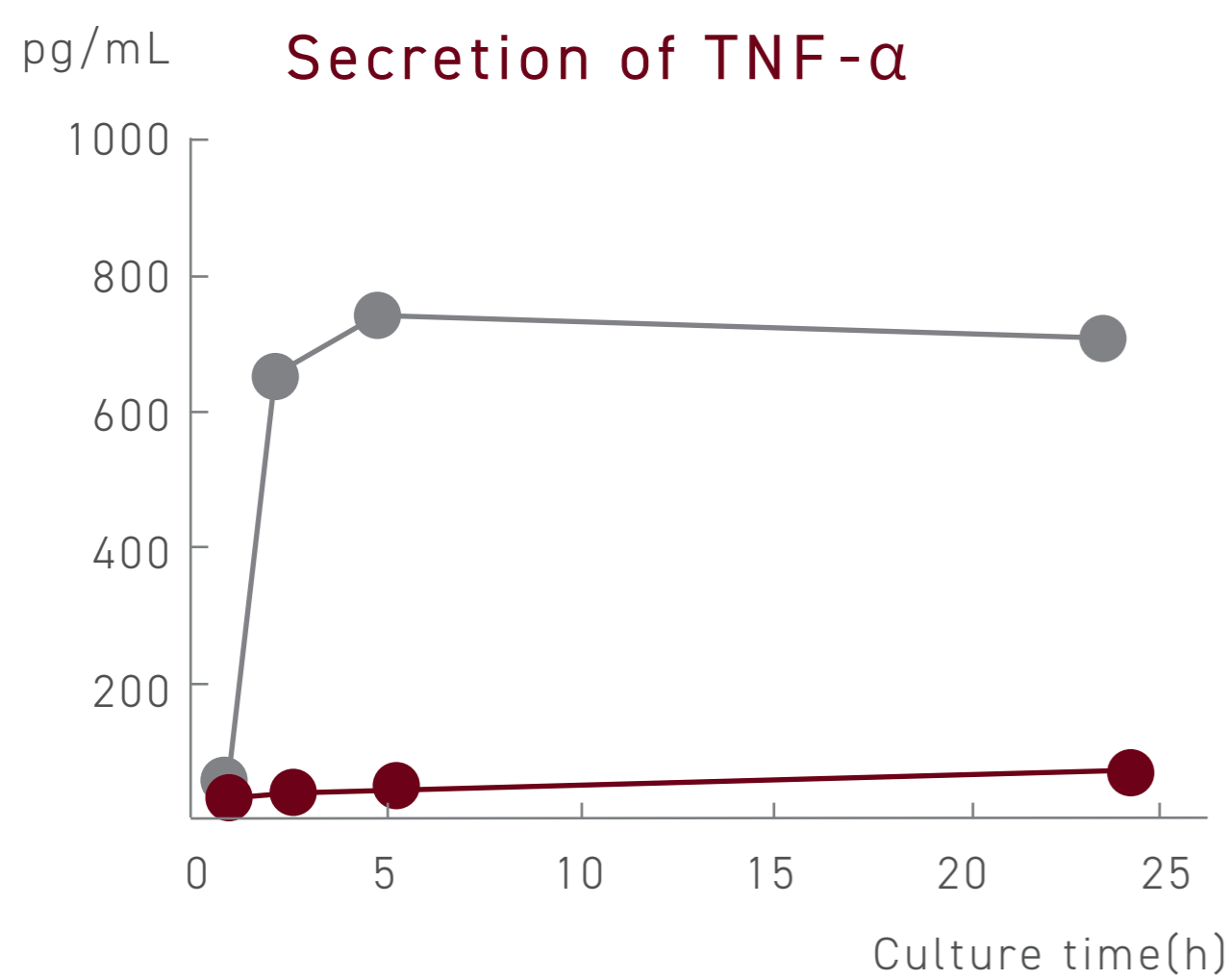
Arcofeliz AL is Low-Endotoxin Sodium Alginate produced by purification with a newly developed endotoxin removal material*¹ (non-GMP)

Developed products list

| Product number* ² | 1% Viscosity | Specification | |
|------------------------------|------------------|-----------------|-------------------------------|
| Arcofeliz AL-SH1050 | 800 ~ 1100 mPa·S | Viscosity | Defined by the product number |
| Arcofeliz AL-H600 | 500 ~ 700 mPa·S | pH | 6.0 ~ 8.0 |
| Arcofeliz AL-M400 | 300 ~ 500 mPa·S | Endotoxin level | ≤30 EU/g |
| Arcofeliz AL-L200 | 100 ~ 300 mPa·S | Viable count | ≤100 CFU/g |

*2 Standard Type (M/G ratio:0.8 to 1.2) and High G Type (M/G ratio:<0.8) are available.

Biological test using macrophages *³



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

● Sodium Alginate used as food additives
● Arcofeliz AL-L200

| | | | |
|----------------------|--|-------------------------|--|
| Intended uses | Raw materials for implantable medical device, Regenerative medicines, Cell culture base material, Pharmaceutical raw materials | Safety test data | Cytotoxicity test negative Acute toxicity test negative |
|----------------------|--|-------------------------|--|

*¹ Collaborative research with Kumamoto University

*³ 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/>



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