



**COLLAGEN
SOLUTIONS**

MATERIALS FOR LIFE

Medical Grade Collagen: Standard Products

Our comprehensive range of medical grade collagen products are extracted from BSE-free bovine and consist of predominantly Type I collagen.

Soluble Collagen

Pepsin Solubilized Atelocollagen, 3mg/ml or 6 mg/ml

Highly purified bovine corium pepsin solubilized collagen, atelocollagen, in 0.01 N HCl. Forms a gel when at pH 7 and is ideal for 3D scaffolds for culture or coating plastic ware for increased cell adhesion.

- pH 2
- Sterile filtered
- Storage 2-8 °C
- 3 mg/ml concentration available as 100ml (FS22002) & 1000ml (FS22003)
- 6 mg/ml concentration available as 100ml (FS22005) & 1000ml (FS22006)

Fibrillar Collagen, 65 mg/ml

Highly purified bovine corium, ideal for cell and drug delivery and wound healing. Degrades in vivo in ~30 days. Concentration and pH modifiable.

- pH 7
- Sterile filtered
- Storage 2-8 °C
- Available in 1ml syringe (FS24001) or as bulk supply

Acid Solubilized Telo Collagen, 6mg/ml

Bovine corium, limed, acid solubilized collagen, telo collagen, in 0.01 N HCl. Forms a gel when at pH 7 and is ideal for three dimensional culture or coating plastic ware for increased cell adhesion.

- pH 2
- Sterile filtered
- Storage 2-8 °C
- Available as 100ml (FS22008) & 1000ml (FS22009)

Acid Swollen Gel, 10 mg/ml

Bovine corium, limed, in the native state, telo collagen, acidic pH. Ideal for further processing to fabricate custom formulations. Not suitable for gel formations.

- pH 3
- Storage 2-8 °C
- Available as 100ml (FS26002) & 1000ml (FS22601)

Titration Buffer

Titration buffer (0.2 phosphate, pH11.2) Premixed titration buffer to be used with pepsin or acid solubilized collagen for forming 3D gels

- Sterile filtered
- Storage 15-20 °C
- Available as 100ml (FS98002)

For more information, contact:
info@collagensolutions.com

Europe
+44 (0)141 558 9838

Asia
+64 6 835 1144

Americas
+1 408 960 2205

Collagen Solutions develops, manufactures and supplies medical grade collagen biomaterials for use in research, medical devices, and regenerative medicine. We work with scientific teams to provide materials that optimize your application.

www.collagensolutions.com

Freeze-Dried Collagen

Standard Lyophilized Collagen

Highly purified bovine tendon polymeric collagen in the native state (telocollagen). Ideal for further processing to fabricate custom formulations.

- Neutral (pH 5-7) form available as sheet (FS32001) or powder (FS32003)
- Acidic (pH 2-3) form available as sheet (FS32002) or powder (FS32004)
- Dry storage at room temperature
- Not suitable for gel formations

Long Fiber Lyophilized Collagen

Highly purified bovine tendon polymeric collagen in the native state (telocollagen). Ideal for further processing to fabricate custom formulations.

- pH 4-6
- Available as powder (FS28001)
- Dry storage at room temperature
- Not suitable for gel formations

Benefits of Working with Us

World-Class Standards

We are an approved supplier for some of the largest medical device companies in the world. We maintain strict quality and regulatory standards according to GMP, EDQM, ISO13485 and ISO 22442. Materials are sourced from BSE-free locations in Australia and New Zealand.

Willingness to Partner

We partner with our customers to develop or co-develop formulations, components, and finished medical devices using collagen. Our expertise and collaborative approach lead to faster time to market, improved production, and superior products.

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Our teams in the US, UK and New Zealand work with qualified shippers to ensure our products reach their destination safely, within client time and temperature protocols around the globe.

Harvested Tissues

Pericardium

Bovine pericardium is harvested, cleaned, and processed into material ready for device manufacturing. Meets quality and compliance requirements for a variety of medical applications.

- Minimally processed or crosslinked
- Multiple thicknesses and physical properties
- Frozen or fresh packaging
- Available analytics include suture strength, electron microscopy, mechanical properties, cross-linking and other analyses specific to design specifications

Consult us regarding custom biomaterial formulations or other tissues.

