

Purified Type I Collagen:

- Chemically defined
- Use in 2D and 3D formats
- Concentrations ranging from 3-35 mg/ml
- Purity >99%
- We offer more than 30 Type I Collagen products (Atelocollagen & Telocollagen)

There are two isolation methods for Type I Collagen, which results in two kinds of Type I Collagens.

	Atelocollagen	Telocollagen
Extraction method	Enzymatic extraction	Acidic extraction
Telocollagen peptide	cleaved	intact
Mechanical properties:		
Polymerization speed	+	+++
Strength of the hydrogel	+	+++
Cellular permeability	+++	+

Product Overview:

Concentration	Type-1 - Atelocollagen	Type-1 - Telocollagen	Application
3 mg/ml	PureCol® Solution (bovine) (#5005-100ML) VitroCol® Solution (human) (#5007-20ML)	TeloCol®-3 Solution (bovine) (#5026-50ML)	2D coating or 3D hydrogel formation
4 mg/ml		RatCol® for 3D gel + Neutralization Solution (#5153-100MG) for 3D hydrogels RatCol® for Coatings, Solution, (rat) (#5056-20ML)	2D coating or 3D hydrogel formation
5 mg/ml	PureCol® EZ Gel, Solution (bovine) (#5074-35ML)		3D hydrogel formation simply by warming to 37°C.
6 mg/ml	Nutragen® Solution (bovine) (#5010-50ML)	TeloCol®-6 Solution (bovine) (#5225-1KIT)	2D coating or 3D hydrogel formation
10 mg/ml	FibriCol® Solution (bovine) (#5133-20ML)	RatCol® High Concentration Solution TeloCol®-10 Solution (bovine) (#5226-20ML)	2D coating or 3D hydrogel formation
Other/lyophilized	PureCol®-S, 3 mg/ml (bovine) (#5015-20ML) VitroCol®, 15 mg (human) (#5008-15MG)	RatCol® lyophilized, 100 mg (rat) on request	2D coating or collagen standard



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