

### Purified Type I Collagen:

- Chemically defined.
- Source: bovine, human and rat
- 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.

	<a href="#">Atelocollagen</a>	<a href="#">Telocollagen</a>
Extraction method	Enzymatic extraction	Acidic extraction
Telocollagen peptide	cleaved	intact
<b>Mechanical properties:</b>		
Polymerization speed	+	+++
Strength of the hydrogel	+	+++
Cellular permeability	+++	+

### Product Overview:

Concentration	Type-1 - Atelocollagen	Type-1 - Telocollagen	Application
<b>3 mg/ml</b>	PureCol® Solution (bovine) ( <a href="#">#5005-100ML</a> )  VitroCol® Solution (human) ( <a href="#">#5007-20ML</a> )	TeloCol®-3 Solution (bovine) ( <a href="#">#5026-50ML</a> )	2D coating or 3D hydrogel formation
<b>4 mg/ml</b>		RatCol® for 3D gel + Neutralization Solution ( <a href="#">#5153-100MG</a> ) for 3D hydrogels  RatCol® for Coatings, Solution, (rat) ( <a href="#">#5056-20ML</a> )	2D coating or 3D hydrogel formation
<b>5 mg/ml</b>	PureCol® EZ Gel, Solution (bovine) ( <a href="#">#5074-35ML</a> )		3D hydrogel formation simply by warming to 37°C.
<b>6 mg/ml</b>	Nutragen® Solution (bovine) ( <a href="#">#5010-50ML</a> )	TeloCol®-6 Solution (bovine) ( <a href="#">#5225-1KIT</a> )	2D coating or 3D hydrogel formation
<b>10 mg/ml</b>	FibriCol® Solution (bovine) ( <a href="#">#5133-20ML</a> )	RatCol® High Concentration Rat Tail Collagen Solution ( <a href="#">#HCRTC-100mg</a> )  TeloCol®-10 Solution (bovine) ( <a href="#">#5226-20ML</a> )	2D coating or 3D hydrogel formation
<b>Other/lyophilized</b>	PureCol®-S, 3 mg/ml (bovine) ( <a href="#">#5015-20ML</a> )  PureCol®, Bovine Collagen, lyophilized, 15 mg ( <a href="#">#5006-15mg</a> )  VitroCol®, 15 mg (human) ( <a href="#">#5008-15MG</a> )  Collagen-coated Cultureware ( <a href="#">Plates, flasks, dishes</a> )	RatCol® lyophilized, 100 mg (rat) <a href="#">on request</a>	2D coating, 3D gels or collagen standard



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