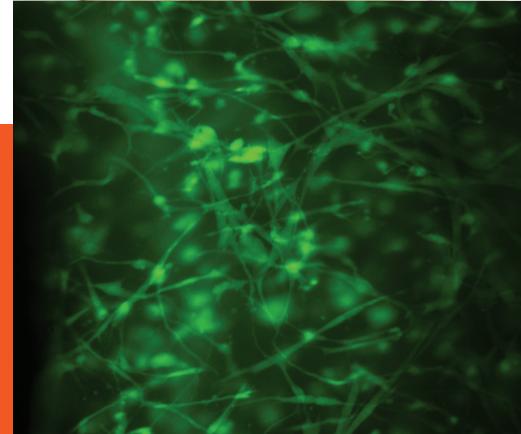


Featured Products

Product	Catalog No.	Concentration	Species	Form
PureCol®	5005-100ML	3 mg/ml	Bovine	Atelocollagen
Nutragen®	5010-50ML	6 mg/ml	Bovine	Atelocollagen
FibriCol®	5133-20ML	10 mg/ml	Bovine	Atelocollagen
VitroCol®	5007-20ML	3 mg/ml	Human	Atelocollagen
RatCol®	5153-100MG	4 mg/ml	Rat Tail	Telocollagen
FlexiCol®	5169-100ML	3 mg/ml	Porcine	Atelocollagen
TeloCol®	5026-50ML	3 mg/ml	Bovine	Telocollagen
PureCol® EZ Gel	5074-35ML	5 mg/ml	Bovine	Atelocollagen

For our full product listing,
please visit www.advancedbiomatrix.com



3D Collagen Hydrogels

Why 3D Matters

Three dimensional (3D) gels help create an *in vivo*-like substrate to study the effects of extracellular matrix (ECM) density and rigidity on cell development, migration and morphology. 3D environments allow for dynamic interactions between cells, stroma and the extracellular matrix, resulting in the activation of specific signaling pathways.

Features in Choosing Collagen

1. Concentration



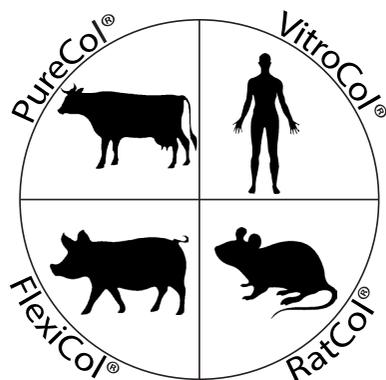
PureCol®
3 mg/mL

Nutragen®
6 mg/mL

Fibrinol®
10 mg/mL

Collagen concentration directly affects both gel onset time and gel stiffness. The stiffness of the substrate to which cells adhere can have a profound effect on cell morphology and gene expression.

2. Species

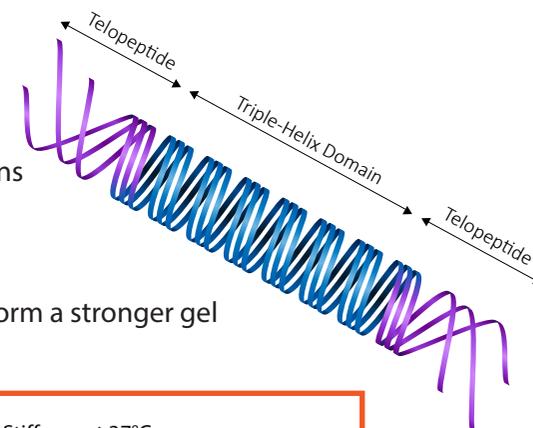


Advanced BioMatrix offers highly purified Type I collagen from various species, including bovine, human, rat tail and porcine.

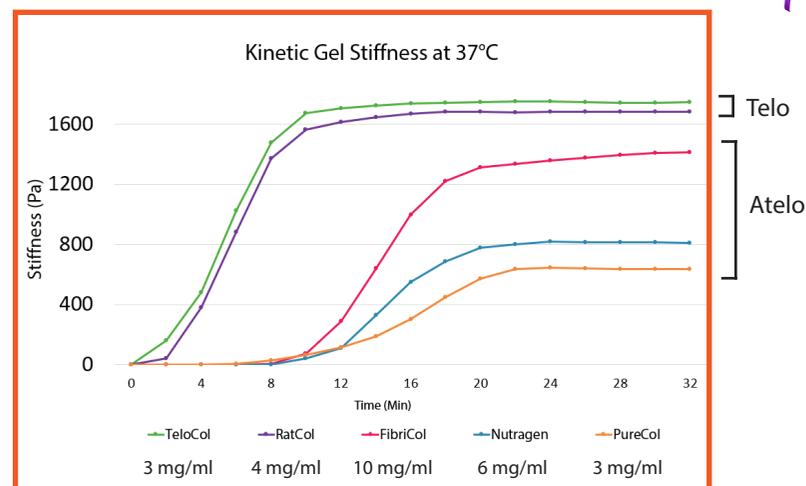
Advanced BioMatrix's manufacturing processes comply with stringent quality standards that have proven to yield unsurpassed lot-to-lot consistency.

3. Form: Telo vs Atelo

Atelocollagen is the result of enzymatic collagen extraction which cleaves the telopeptide portion of the collagen molecule. Acidic collagen extraction maintains the telopeptide intact, resulting in telocollagen.



Telocollagen will gel quicker and form a stronger gel than atelocollagen.



4. Pre-Formulated

For easy 3D collagen gels, try PureCol® EZ Gel.

PureCol® EZ Gel is a ready-to-use Type I collagen solution that forms a 3D gel upon warming to 37°C. The product consists of a pH neutral Type I collagen (5 mg/ml), with added media and salts, allowing you to simply add yours cells and incubate for easy 3D cell culture.

