

PureCol[®] EZ Gel

Solution, 0.5%

Purified Bovine Collagen

**For Tissue Engineering Research,
Cell Culture and Biochemistry**

- ▶ Ready-to-Use
- ▶ Gels at 37 °C
- ▶ Pre-formulated with DMEM/F-12 Medium and stable L-glutamine
- ▶ pH Neutral
- ▶ Highly Purified Collagen



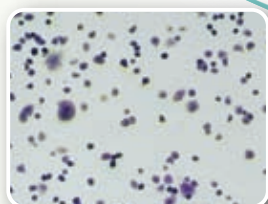
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PureCol[®] EZ Gel

Solution, 0.5%

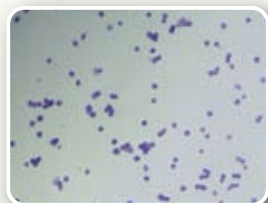
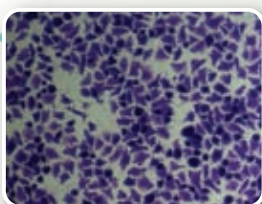
Purified Bovine Collagen

Without
PureCol[®] EZ Gel

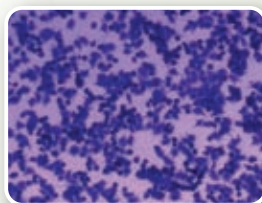


Human Dermal Fibroblasts (10X)

With
PureCol[®] EZ Gel



MCF-7 Breast Cancer Cells (10X)



PureCol[®] EZ Gel is a ready-to-use collagen solution that forms a firm gel by simply warming to 37 °C in an incubator. The product consists of purified Type I collagen at a concentration of 0.5%, DMEM/F-12 medium and a mixture of L-glutamine and dipeptide (L-alanine-L-glutamine) to provide a long-lasting L-glutamine source for cell culture.

PureCol[®] EZ Gel is designed to improve gel consistency by pre-formulation of the medium and adjustment of the product to a neutral pH. This product avoids the inconsistencies in the preparation of the gel that can arise through variables of reagent addition, pH adjustment and handling conditions.

PureCol[®] EZ Gel is ideal for providing a firm gel and can also be used in the preparation of a thin layer for culturing cells. PureCol[®] EZ Gel collagen is provided in a user-friendly packaging for use and storage. This product is sterile and supplied as a ready-to-use solution.

CHARACTERISTICS

Parameter, Testing, and Method	PureCol [®] EZ Gel Catalog Number 5074-G
Form	Solution
Package Size	35 mL
Storage Temperature	2 - 10 °C
Expiration Date	Listed on product label and Certificate of Analysis
Concentration (Biuret Protein Determination)	Approximately 0.5% (5 mg/mL)
pH	Approximately pH 6.8 to 7.4
Gel Time (Gel Time Assay)	≤ 40 minutes
Sterility	No Growth
Endotoxin (LAL)	≤ 1.0 EU/mL
Cell Attachment Assay	Pass
Collagen Source	Bovine Hide - Pepsin Extracted
Medium Supplement	DMEM/F-12 Medium
L-glutamine Source	Mixture of L-glutamine and dipeptide (L-alanine-L-glutamine)

ORDERING INFORMATION

PureCol[®] EZ Gel, Solution 0.5% - Catalog No. 5074-G - Package Size 35 mL