

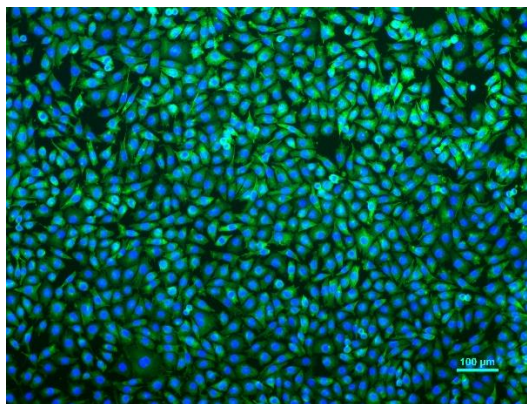


Collagen is the major extracellular matrix in mammalian tissue, therefore purified collagen has a wide variety of applications in medical and life science research, including tissue/cell culture, tissue engineering, tissue 3D scaffold, medical devices, tissue reconstruction and tissue repair.

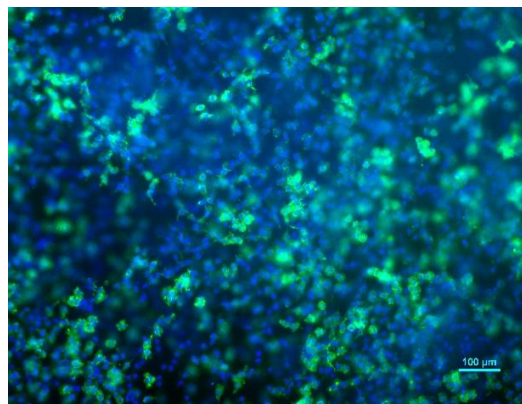
Rat tail collagen type I from Expercy can be prepared for both 2D surface coating and 3D cell culture. We provide rat tail collagen at concentration of 3 or 10 mg/ml and can dilute to lower concentration depends on needs.

Feature

- Mimicking in vivo-like ECM environment.
- Quick polymerization helps optimal cell distribution in 3D gels.
- Various concentration available for a variety of applications.
- Adjustable to neutral pH level.
- High purity and lot-to-lot consistency.



L929 cell line 2D culture with Expercy's Rat tail collagen (10X)



L929 cell line 3D culture with Expercy's Rat tail collagen (10X)

Specification

Endotoxin LAL	<10 EU/ml
Purity	≥ 95% Collagen contained with α, β and γ, < 5% Collagen contained within bands traveling faster than α (SDS PAGE electrophoresis, instant blue staining)
pH	2.0 – 4.0
Osmolality	≤ 35 mOsmo H ₂ O/Kg
Sterility (USP modified)	Sterile filtered
Cell Attachment	Pass
Product Type	Solution
Storage	2-8°C and protect from light. Do not freeze.

Package

Specification	Sterility	Catalog No.	Package
Purity >95%, pH 3, Endotoxin <10 EU/ml	Sterile	B00-03A-3mgA	25ml
		B00-03A-10mgA	10ml
		B00-03A-10mgB	100ml

0.5 EU/ml-Format Available Upon Request

If you are interested in rat tail collagen type I with ultra-low endotoxin (<0.5 EU/ml), please feel free to contact us to have a quote.