

DESCRIPTION	Purified type I & III native porcine collagen from pig's tissue.
FORM	Lyophilized, salt-free, 10mg / vial
SOURCE	Porcine tissue. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I and III were purified by using differential salt precipitation.
PURITY	Porcine collagens: Type I 45% Type III 45% Type IV 10% Type V below 1% Non-collagen proteins below 0.5%
Purification	Partial pepsin digestion in acidic conditions and differential salt precipitation.
Reconstitution	Use 0.5 M acetic acid, pH 3.0. Dissolved collagen retains immunologic properties of native collagen. Structure of native collagen confirmed by ability to form microfibrils.
Storage	Collagen dissolved in acetic acid is stable at 4 °C for 1 month. Lyophilized collagen long term storage (2 years) at -20°C or lower.
Application	Used for coating material for cell culture studies. May not be suitable for 3-D gel formation.

INFORMATIONAL USE ONLY! PLEASE REFER TO INSERT INCLUDED WITH PRODUCT!

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