

Datasheet for 001-G70-MF6**Collagen I for plate coating - Bovine Skin****Overview**

Description:	Collagen I for plate coating - Bovine Skin - 001-G70-MF6
Item No.:	001-G70-MF6
Size:	8 mL
Applications:	SDS-PAGE
Origin:	Bovine

Product Details

Background:	Bovine Collagen Type I is one of a family of proteins found particularly in the flesh and connective tissues of mammals (approximately one-third of the body's total protein). Over two dozen types of collagen have been described; Type I is the most abundant form in the body. Collagen Type I is found in scar tissue, tendons, the skin, arterial walls, the corneas, muscles, cartilage, and in the organic parts of bones and teeth. Bovine Collagen Type I is ideal for investigators involved in extracellular matrix proteins and osteoporosis.
Synonyms:	Type I collagen, collagen 1, bovine collagen, Alpha 1 type I collagen, Alpha 2 type I collagen, COL1A1, COL1A2, Collagen alpha-1(I) chain, Collagen alpha-2 (I) chain, plate coating solution
Species of Origin:	Bovine

Target Details

Gene Name:	COL1A1
Purity/Specificity:	Bovine Collagen Type I Solution is purified from bovine skin and shown to be 95% pure. May contain some of Collagen Type III.
Relevant Links:	Collagen_Top_Culture-Protocol

Application Details

Tested Applications:	SDS-PAGE
Application Note:	Bovine Collagen Type I solution has been tested in SDS-page and is suitable for plate coating. Enough to coat 10 (ten) T75 plates.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by dry weight
Buffer:	0.013M HCl
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Keep under sterile conditions.
Expiration:	Expiration date is six (6) months from date of receipt.

Disclaimer

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