

Specification Sheet

Coll 1 Solution 10 mg/ml

Product description	Our Coll 1 Solution (10 mg/mL) contains type I collagen sourced from rat tail tendons. Neutralize it on ice, mix with cells and cast constructs. Coll 1 can be printed between 5 and 15°C, and thermally gelate at 37°C. Recommended for use with BIO X, the Temperature-controlled Printhead and a heated print bed. For description on how to neutralize, mix with cells, cast, and thermally gel, follow the Neutralization and Printing Protocol.
Intended use	Biocompatible material for 3D bioprinting, <i>Research Grade</i> . For research use ONLY. Not intended for <i>in vitro</i> diagnostics or <i>in vivo</i> uses. Not intended for administration in humans or animals. Produced under sterile and aseptic conditions.
Product number	IK400000
Shelf life	Minimum 2 months, expiration date stated on package.
Storage and handling	Store at 4-8°C. DO NOT FREEZE. Avoid temperature fluctuations.
Safety	Handle in accordance with good hygiene and laboratory safety practices. Read Safety Data Sheet for more information regarding ingredients and potential hazardous compounds.
Related documents	Protocols as well as Safety Data Sheet can be downloaded from our website https://cellink.com/product/coll-1 or scan the QR code below.



Property	Specification	Method
<i>Appearance</i>	Transparent to cloudy liquid	Visual inspection.
<i>Sterility</i>	Sterile	Tested for the presence of bacteria, fungi and yeast. Tested on raw materials.
<i>Endotoxin level</i>	<10 EU/mL	Limulus Amoebocyte Lysate assay, Pharmacopoeia 2.6.14 "Bacterial endotoxins": Method D, accredited by SWEDAC. Accreditation Certification 1240: ISO 15189, 2010-11-22. Tested on raw materials.
<i>pH</i>	3.4-4.0	Assessed with pH meter.