

Specification Sheet

PhotoGel®-Ink 95% DS

Product description	PhotoGel®-Ink is a sterile, pre-formulated 10% ready-to-use solution of 95% degree of methacrylated gelatin with 0.25% LAP for rapid bioprinting with the BIONOVA X. This bioink is derived from porcine gelatin type A300 bloom with enhanced printability and crosslinking through the incorporation of methacrylate groups. For description on how to mix with cells and bioprint, follow the Bioprinting 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	D16110025360
Storage and handling	Store at 2-10°C. DO NOT FREEZE. Protect from light and avoid temperature fluctuations. Ensure that the bioink container is capped prior to storage to prevent drying.
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	Bioprinting Protocol as well as Safety Data Sheet can be downloaded from our website https://www.cellink.com/product/photogel-ink-95-dom/ or scan the QR code below.

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Property	Specification	Method
<i>Appearance</i>	Clear gel	Visual inspection
<i>Sterility</i>	Sterile	Sterile filtered.
<i>pH</i>	6.5-7.4	Assessed with pH meter.
<i>Degree of methacrylation</i>	≥75%	Colorimetric detection using trinitrobenzenesulfonic acid (TNBS) assay