

Specification Sheet

PhotoHA[®]-Ink Stiff

Product description	PhotoHA [®] -Ink Stiff is a sterile, pre-formulated 4% ready-to-use solution of methacrylated hyaluronic acid (HAMA) with 0.5% LAP for rapid bioprinting with the BIONOVA X. PhotoHA is a biodegradable biomaterial that works with wide range of human cells and is photocrosslinkable. For description on how to mix with cells, bioprint and crosslink, 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	D16110025362
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/photoha-ink-stiff/ or scan the QR code below.

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Property	Specification	Method
<i>Appearance</i>	Transparent 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>	45 – 65%	NMR