

Specification Sheet

CELLINK XPLORE

Product description

CELLINK XPLORE is a non-sterile educational ink for 3D printing. It is available in three different colors to enable users to visualize complex structures printed with several printheads and materials. CELLINK XPLORE crosslinks easily with the included CaCl_2 Crosslinking Agent.

Intended use

Material for 3D extrusion printing, **Research Grade**. For research use ONLY. Not intended for in vitro diagnostics or in vivo uses. Not intended for administration in humans or animals.

Product number

Pink: IK102140
Blue: IK102141
Green: IK102142

Shelf life

Minimum 6 months, expiration date stated on package.

Storage and handling

Store at 2-25°C. **DO NOT FREEZE.**
Handling can be done at room temperature. 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

Printing Protocol as well as Safety Data Sheet can be downloaded from our website <https://www.cellink.com/product/xplore/>.

CELLINK XPLORE

Property	Specification	Method
<i>Appearance</i>	Pink/blue/green opaque gel.	Visual inspection
<i>Sterility</i>	Non-sterile	-
<i>Viscosity</i>	10-50 kPa·s at 0.01 s ⁻¹ , 2-5 Pa·s at 200 s ⁻¹	Tested using HR-10 TA Instruments Rheometer with 20 mm plate-plate geometry. Steady-state rotational flow sweep: 25°C, shear rate from 0.001 s ⁻¹ to 200 s ⁻¹ .

CaCl₂ Crosslinking Agent

Property	Specification	Method
<i>Appearance</i>	Transparent liquid	Visual inspection
<i>Sterility</i>	Non-sterile	-