

CELLINK® FIBRINOGEN

Description

CELLINK® Fibrinogen has been developed as a bioink for application with cells that require fibrinogen or are developed to recapitulate the native wound healing environment. Fibrinogen is a critical protein that is found in the healing of many tissues due to its role in clots. Combine with our **VASKIT** to develop vascularized models! This bioink retains the excellent printability and ease of cross-linking found with the universal CELLINK® bioink.

Application

CELLINK® Fibrinogen has been optimized for the fabrication of constructs for many tissues. The bioink is compatible with many cell types.

Storage

CELLINK® Fibrinogen should be stored at 4°C. The shelf life of CELLINK® Fibrinogen is 3 months. Ensure the cartridges are capped prior to storage to prevent drying.

Mixing with Cells

We suggest you mix CELLINK® Fibrinogen with a high concentration of cells and bioprint everything in one run with one printhead. You can either mix the cells manually or use our revolutionary **STARTINK-Kit** with our **CELLMIXER**, which is specifically designed to simplify the mixing process and offers a homogeneous suspension with an increased cell viability.

Crosslinking

CELLINK® Fibrinogen is simply crosslinked with our crosslinking solution containing CaCl₂. Once your construct has successfully bioprinted, apply enough droplets to cover the construct. A 5-minute incubation is sufficient for most bioprinted structures. After that time, remove the crosslinking solution and wash with PBS and replace with the desired cell culture media.

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