



Polyethylene Glycol Diacrylate (PEGDA)

Cat. No. MT001

Lot. No. (See product label)

Product Description

Polyethylene Glycol Diacrylate (PEGDA) hydrogels are powerful tools for uncovering basic cellular biology because they are considered biologically inert ("blank slate") and their mechanical properties can be varied over a large range of moduli.

PEGDA is an emerging scaffold for tissue engineering and regenerative medicine since polymerization can occur rapidly at room temperature and requires low energy input, has high water content, is elastic, and can be customized to include a variety of biological molecules.

Application	Regular and 3-D cell culture
	Tissue engineering
	Photolithography
Molecular Weight	1k, 3.4k, 6k, 10k, 20k MW
State	Powder
Sterilization Method	non-sterile
Storage/Stability	Store PEGDA in the original vial unopened at -20 °C for up to one year. Reconstituted PEGDA solutions can be stored at -20 °C for ~ one month.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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