

Product Data Sheet



Product Name *3-D Life* FG-PVA

Catalog Number M82-3

Description *3-D Life* FG-PVA is a component of the *3-D Life* Hydrogel system. It contains maleimide-functionalized polyvinyl alcohol (Mal-PVA). It can be used together with PEG-Link (Cat. No. L50-1 or L50-3) or CD-Link (Cat. No. L60-1 or L60-3) to set up fast gelling, cell-compatible hydrogels.

10 x CB (pH 5.5) buffer allows control of pH and osmotic conditions during gel formation in the presence of cells. For more information and instructions, please consult the General Protocol GP-1 "Preparation of *3-D Life* Fast Gelling Hydrogels" and the *3-D Life* Hydrogels User Guide on www.cellendes.com.

Quantity Allows formation of up to 6 ml *3-D Life* Hydrogel depending on the stiffness of the gel, if used together with thiol-functionalized polymers (*3-D Life* PEG-Link or CD-Link).

Components

Material	Quantity	Concentration of reactive groups	Storage
● Mal-PVA [#]	3x 170 µl	30 mmol/L	-80°C (avoid frequent freeze-thawing)
● 10 x CB (pH 5.5)	600 µl	n.a.	Short term (≤2 months): 4°C Long term: -20°C to -80°C
○ Water	4x 1500 µl	n.a.	RT to -80°C

All materials are filter-sterilized.

[#]Keep on ice while in use.

Intended for research use only. Not for use in human therapeutic or diagnostic applications.