NEW

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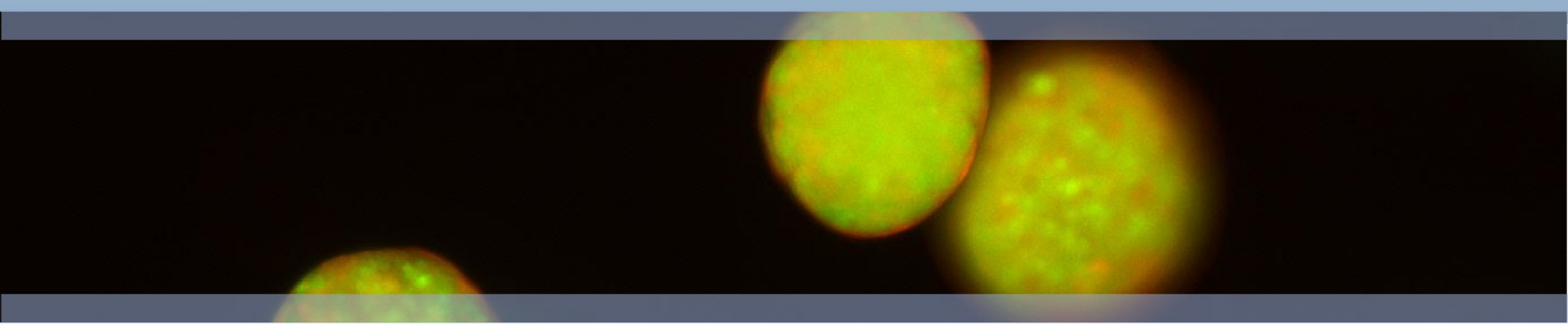
Cell • Environment • Design

Gelation time matters!

Slow Gelling *3-D Life* Hydrogels:
More time to set up 3-D cell cultures



Take advantage of slow gelation

- Easy filling of microchannels
- Injectable cell delivery and in situ gel formation
- Wide range of gel stiffness (up to 5000 Pa shear modulus)
- Perfect gel homogeneity for clear visualization
- Full range of biomimetic modifications

Wide range of applications

- Tumor-stroma models
- Cyst and acini formation by epithelial cells
- Spheroid outgrowth

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Time for gel manipulation:
Slow gelling *3-D Life* Hydogels allow ample time for gel placement before gelation sets in (3-25 min; time dependent on gel stiffness and gel modification).

Complete control of matrix composition:
Hydrogels can be easily modified with cell adhesion peptides and with matrix metalloprotease-sensitive crosslinkers to mimic native matrix.

For more details see the *3-D Life* Brochure and Application Notes on www.cellendes.com or contact us at:

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	Product Name	Unit Size	Hydrogel Volume	Catalog Number
Hydrogel kits[1]	*3-D Life* PVA-PEG Hydrogel SG	1 kit	1-2 ml[2]	G82-1
	3-D Life PVA-CD Hydrogel SG	1 kit	1-2 ml[2]	G83-1
	3-D Life Dextran-PEG Hydrogel SG	1 kit	1-2 ml[2]	G92-1
	3-D Life Dextran-CD Hydrogel SG	1 kit	1-2 ml[2]	G93-1
Adhesion Peptides	*3-D Life* RGD Peptide	1 µmol[3]		09-P-001
		3 x 1 µmol[3]		P10-3
	3-D Life Scrambled RGD Peptide	1 µmol[3]		09-P-003
		3 x 1 µmol[3]		P11-3
Accessories	*3-D Life* Dextranase[4]	500 µl		D10-1

[1] Kits contain all reagents for formation of hydrogels. Peptides need to be purchased separately, if required.
[2] Sufficient for up to 2 ml gel depending on gel stiffness (2 ml at soft stiffness, 1 ml at medium stiffness).
[3] 1 µmol peptide is sufficient for modification of 2 ml hydrogel at a final peptide concentration of 0,5 mmol/l.
[4] Dextranase is used to dissolve Dextran gels for cell recovery.

Distributors

Cellendes products are worldwide available in many countries. Visit our webpage at www.cellendes.com/products to find a distributor near you.

To order products directly from Cellendes

- send an e-mail (order@cellendes.com)
- call us at +49-7121-15940-11
- or fax your order form to +49-7121-15940-99

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