

# ConoGel™

## Synthetic Hydrogel

- ✓ Temperature reversible sol-gel transition.
- ✓ Excellent biocompatibility - 100% synthetic, pathogen free.
- ✓ Great biodegradability.

ConoGel™ is a copolymer of mPEG and poly(lactide-co-glycolide). The defining feature of ConoGel™ is its temperature reversible sol-gel transition. Cool ConoGel™ to turn it into a sol (meaning it handles like a liquid). Warm ConoGel™ to over 30°C to turn it into a solid hydrogel. The unique thermoreversible feature allows for effortless control release handling.

In the gel state, the highly lipophilic and network structure of the ConoGel™ presents an efficient niche for in vitro factors release, in vivo drug release and mass exchange, and protection of cells and tissue from shear forces.

### Typical Applications

- Drug/peptide/vaccine delivery and release
- Tissue adhesion barriers

Product Spec	Sterility	Size	Cat. No.
<0.5 EU/ml, 15%	Sterile	1 ml	HGL-001S
		5 ml	HGL-005S
		10 ml	HGL-010S
	Non-Sterile	1 ml	HGL-001N
		5 ml	HGL-005N
		10 ml	HGL-010N
<0.5 EU/ml	Sterile	1.5 g	HGP-0015S



### Temperature reversible sol-gel transition

