

Extralink-Lite®

PEGDA, POLYETHYLENE GLYCOL DIACRYLATE
Catalog Number: **#GS3009F-10EA** **#GS3008F-5EA**

OVERVIEW

Extralink-Lite® (PEGDA, polyethylene glycol diacrylate) is a component of Hystem. It is packaged in 0.5 mL or 2.5 mL vials. Vials are blanketed by nitrogen and under a slight vacuum.

#GS3009F-10EA	# of Units	Material Amount Per Vial	Reconstitution Volume Per Vial
Extralink-Lite – GS3009F	10	3.75 mg	0.5 mL
Buffer B – GS250F	1	10 mL	-

#GS3008F-5EA	# of Units	Material Amount Per Vial	Reconstitution Volume Per Vial
Extralink-Lite – GS3008F	5	18.75 mg	2.5 mL
Buffer B – GS251F	1	20 mL	-

STORAGE

Extralink-Lite: Store at -20 or 4°C for up to one year.
Reconstituted solutions can be stored at -20°C for one month.

INSTRUCTIONS FOR USE

Extralink-Lite is prepared by dissolving the lyophilized solids with BUFFER B. When reconstituted following the directions below, Extralink-Lite will be in 1X phosphate buffered saline (PBS) at a pH of ~7.4.

- 1) Allow Extralink-Lite® to come to room temperature.
- 2) Under aseptic conditions, using a syringe and needle, add Buffer B to Extralink-Lite. Follow reconstitution chart below. If vial stopper is removed during reconstitution, minimize exposure to oxygen to avoid potential auto-crosslinking. **DO NOT WEIGH OUT COMPONENTS OR USE ANOTHER BUFFER DURING RECONSTITUTION.**

Kit Components	Buffer to Add Per Vial
Extralink-Lite – GS3009F	0.5 mL of Buffer B
Extralink-Lite – GS3008F	2.5 mL of Buffer B

- 3) Immediately invert or vortex each vial for a few seconds after the addition of Buffer B. Components will fully dissolve in < 1 minute. Warming to 37 °C and gently vortexing will speed dissolution. Components will be clear colorless solution.
- 4) Extralink-Lite is used to chemically crosslink hydrogels made from Glycosil® or Heprasil® and Gelin-S®. Extralink-Lite does not form a hydrogel on its own.
- 5) Typically, Extralink-Lite is used in a 1:4 volume ratio with Glycosil as follows:
 - a) 0.25 mL Extralink-Lite is crosslinked with 1.0 mL Glycosil.
- 6) **Notes:** Gelation time varies depending upon the amount of Extralink-Lite and Glycosil used. Gelin-S will not form a hydrogel when mixed with Extralink-Lite. Hydrogels made using only Extralink-Lite and Glycosil or Heprasil will not support cell attachment.

Additional Hystem® information, white papers, applications, references, and certificates, can be found by our visiting at www.AdvancedBioMatrix.com