

Gelin-S®
THIOL-MODIFIED HYALURONAN
Catalog Number: **#GS231F-5EA** **#GS230F-2EA**

OVERVIEW

Gelin-S® (thiol-modified gelatin) is a component of Hystem. It is packaged in 1.0 mL or 5.0 mL vials. Vials are blanketed by nitrogen and under a slight vacuum.

#GS231F-5EA	# of Units	Material Amount Per Vial	Reconstitution Volume Per Vial
Gelin-S – GS231F	5	10 mg	1.0 mL
Buffer B – GS250F	1	10 mL	-

#GS230F-2EA	# of Units	Material Amount Per Vial	Reconstitution Volume Per Vial
Gelin-S – GS230F	2	50 mg	5.0 mL
Buffer B – GS250F	1	10 mL	-

STORAGE

Gelin-S: Store at -20 or 4°C for up to one year. Reconstituted solutions must be used same day and cannot be refrozen.

INSTRUCTIONS FOR USE

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

- 1) Allow Gelin-S® to come to room temperature.
- 2) Under aseptic conditions, using a syringe and needle, add Buffer B to Gelin-S. 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
Gelin-S – GS231F	1.0 mL of Buffer B
Gelin-S – GS230F	5.0 mL of Buffer B

- 3) Immediately vortex each vial for a few seconds after the addition of Buffer B. Place vials horizontally on a rocker or shaker. Quickly vortex samples every 15 minutes. It may take 1 hour for some components to fully dissolve. Warming to 37 °C and gently vortexing will speed dissolution. Components will be clear and slightly viscous.
- 4) Gelin-S will not form a hydrogel even if Extralink® is added. To form a hydrogel, it must be mixed with Extralink and Glycosil®, or Heprasil®.

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