

## SPECIFICATION SHEET

|                       |   |               |         |
|-----------------------|---|---------------|---------|
| <b>Catalog #:</b>     | L2L003  | <b>Lot #:</b> | L170701 |
| <b>Description:</b>   | Human Collagen Type III Solution (Human)  |               |         |
| <b>Source:</b>        | Human placenta  |               |         |
| <b>Background:</b>    | Collagen III is a fibrillar collagen that is found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I Collagen. Mutations in the gene are associated with Ehlers Danlos syndrome type IV, and with aortic and arterial aneurysms. Although alternate transcripts have been detected for this gene, they are the result of mutations; these mutations alter splicing, often leading to the exclusion of multiple exons. |               |         |
| <b>Purification:</b>  | purified.   |               |         |
| <b>Concentration:</b> | 4.8mg/ml  |               |         |
| <b>Buffer:</b>        | Sterile filtered liquid in 0.5M CH <sub>3</sub> COOH,   |               |         |
| <b>Preservative:</b>  | None  |               |         |
| <b>Applications:</b>  | User optimized  |               |         |
| <b>Storage:</b>       | Store at -20°C. Avoid multiple freeze/thaw cycles.  |               |         |