

SPECIFICATION SHEET

Catalog #:	L2L004	Lot #:	L171101
Description:	Human Collagen Type IV Solution (Human)		
Source:	Human placenta		
Background:	Collagen IV is a major constituent of the basement membranes along with laminins, proteoglycans and enactins. It is a multimeric protein composed of 3 alpha subunits. These subunits are encoded by 6 different genes, alpha 1 through alpha 6, each of which can form a triple helix structure with 2 other subunits to form type IV collagen. It can form insoluble fibers with high tensile strength. Collagen IV is useful in detecting the loss of parts of basement membranes in carcinomas.		
Purification:	Purified.		
Concentration:	For 1mg reconstitute by adding 1ml DD water to 1.0mg/ml		
Buffer:	Sterile filtered liquid in 0.5M CH ₃ COOH		
Preservative:	None		
Applications:	User optimized		
Storage:	Store at -20°C. Avoid multiple freeze/thaw cycles.		