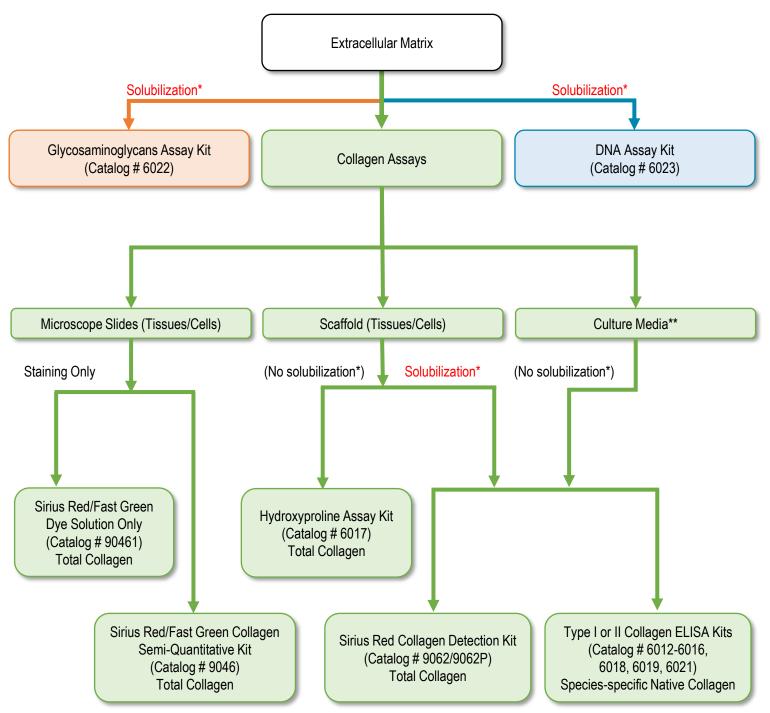




Connective tissue is composed of cells surrounded by the extracellular matrix (ECM), a complex mixture of collagens and glycosaminoglycans (GAGs). Collagen, the most abundant protein family in connective tissues, plays a critical role in forming the ECM. Chondrex, Inc. provides the following flow chart to aid researchers in choosing the appropriate kit for ECM and collagen analysis.

#### **Kit Selection Flowchart For Analysis**



<sup>\*</sup>Solubilization of samples requires special attention. Please contact Chondrex, Inc. at <a href="mailto:support@chondrex.com">support@chondrex.com</a> for more information.

<sup>\*\*9062/9062</sup>P using culture media samples will require concentrating solution (Catalog # 90626). Please contact Chondrex, Inc. at support@chondrex.com for more information.







## **Type I Collagen Detection ELISA Kits**

Target	Assay Range (µg/ml)	Types of Samples	Sample Form	Catalog #
Bovine Type I Collagen	10 - 0.16	Tissue/Cultured Cells	Solubilized	6014
Human Type I Collagen	5 - 0.08	Tissue/Cultured Cells	Solubilized	6021
Mouse Type I Collagen	5 - 0.08	Tissue/Cultured Cells	Solubilized	6012
Porcine Type I Collagen	5 - 0.08	Tissue/Cultured Cells	Solubilized	6015
Rat Type I Collagen	5 - 0.08	Tissue/Cultured Cells	Solubilized	6013
Rabbit Type I Collagen	5 - 0.08	Tissue/Cultured Cells	Solubilized	6016
Canine Type I Collagen	10 - 0.16	Tissue/Cultured Cells	Solubilized	6019
Human/Mouse C-Telopeptide	0.5 - 0.008	Tissue/Cultured Cells/Serum	Solubilized	6033
Mouse N-Telopeptide	0.02 - 0.0003	Urine/Cultured Cells/Serum	Solubilized	6040

### **Type II Collagen Detection ELISA Kit**

Species	Assay Range (ng/ml)	Types of Samples	Sample Form	Catalog #
Multi-Species	200 - 3.1	Tissue/Cultured Cells	Solubilized	6018

### **Hydroxyproline Detection Kit**

Species	Assay Range (µg/ml)	Types of Samples	Sample Form	Catalog #
Multi-Species	400 - 6.3	Tissue/Cultured Cells	Unsolubilized/Solubilized	6017

# Sirius Red Collagen Detection Kit (Tube or Plate Method)

Species	Assay Range (µg/ml)	Types of Samples	Sample Form	Catalog #
Multi-Species	500 - 7.8	Tissue/Cultured Cells	Solubilized	9062/9062P

## Sirius Red/Fast Green Collagen Semi-Quantitative Kit

Species	Assay Sensitivity	Types of Samples	Sample Form	Catalog #*
Multi-Species	> 3 µg/section	Tissue/Cultured Cells	Tissue Slides	9046

<sup>\*</sup>NOTE: The Sirius Red/Fast Green Staining Dye Solution is also available for sale as a single product (Catalog # 90461)

# **Glycosaminoglycans Assay Kit**

Species	Assay Range (µg/ml)	Types of Samples	Sample Form	Catalog #
-	50 - 3.1	Tissue/Cultured Cells	Solubilized	6022

## **DNA Assay Kit**

Species	Assay Range (μg/ml)	Types of Samples	Sample Form	Catalog #
-	10 - 0.16	Tissue/Cultured Cells	Solubilized	6023