



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet NATIVE BOVINE COLLAGEN III

**Catalog No.**  
DS-01-0059

**Species**  
Bovine

## Preparation

**Preparation:** Purified Ig prepared by ion exchange chromatography

**Purity:** Non-collagenous proteins are less than 0.5%. Typical contaminants are cross-linked collagen type II dimers and trimers (approximately 10%). Other collagen types constitute less than 5% by immunoassay and analytical chromatography.

## Applications

Table Summary of Protein Applications and Working Conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western Blotting			.	
Immunohistology			.	
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

## Formulation

**Product Type:** Purified Protein

**Product Form:** Purified Ig - lyophilised

**Reconstitution:** With 0.1 M acetic acid, pH 3.0. Once dissolved the preparation will retain its immunochemical properties. Thermal degradation to gelatin occurs at 100°C for 5 minutes.

**Molecular Weight:** 300 kDA

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### **Storage**

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. This product should be stored undiluted.

Avoid repeated freezing and thawing as this may denature the antibody.

Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life:** 18 months from date of dispatch

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