



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti Bovine Collagen Type II

Catalog No.
MD-22-0026

Species
Bovine

Preparation

Host Animal: Rabbit
Immunogen: Collagen Type II extracted and purified from bovine cartilage
Purification: Ion exchange chromatography (DEAE-Trisacryl)

Specificity

Cross-reactivity: (RIA)
Bovine Collagen Type II 100%
Bovine Collagen Type IX <0.1%
Bovine Collagen Type XI <3.0%

Formulation

Format: Purified, Lyophilized
Reconstitute with 0.5ml deionized water.
Concentration: Not applicable.
Titer: 1:100 (RIA)
Buffer: Not applicable
Preservative: None

Storage

Lyophilized: Short term (up to 24 months) store at 2-8°C. Long term store at -20°C.
Reconstituted: Aliquot and store at -20°C for up to 6 months.
Avoid multiple freeze/thaw cycles.
Centrifuge before opening to ensure complete recovery of vial contents.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
RIA	.			
Immunocytochemistry.				
IFA(*)	.		.	
Flow Cytometry			.	
Immunohistochemistry- frozen only	.			
Competitive RIA			.	

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

(*)In indirect IFA with fluorescent anti-rabbit IgG conjugate, use at the following dilution: 1:40 on frozen bovine articular cartilage.

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