

## Native Bovine Collagen Type II

**Cat. No.** Collagen-316B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Bovine Collagen Type II (Nasal Cartilage) has been prepared from bovine nasal cartilage and is chromatographically and immunologically pure. Bovine Collagen Type II (Nasal Cartilage) is free from other collagens, serum proteins and non-collagen extracellular matrix proteins. Bovine Collagen Type II (Nasal Cartilage) reacts with anti-Collagen Type II. |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |        |
|----------------|--------|
| <b>Species</b> | Bovine |
|----------------|--------|

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Bovine Collagen Type II (Nasal Cartilage) is one of a family of proteins found particularly in the flesh and connective tissues of mammals (approximately one-third of the body's total protein). Over two dozen types of collagen have been described; Type II is found predominantly in hyaline cartilage (50% of the protein in hyaline is collagen type II) and is also found in the vitreous humor of the eye. |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | ELISA : 1:10,000Western Blot : 1:1000Immunohistochemistry: 1:100-1:500Other Dilution: User Optimized |
|---------------------|------------------------------------------------------------------------------------------------------|

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Usage</b> | <p>This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.</p> <p>All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale.</p> |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store vial at 4°C prior to opening. Bovine Collagen Type II (Nasal Cartilage) is stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. |
| <b>Concentration</b>  | 1.0 mg/ml by UV absorbance at 280 nm                                                                                                                       |
| <b>Storage Buffer</b> | 0.5 M Sodium Acetate, pH 4.5                                                                                                                               |
| <b>Preservative</b>   | 0.01% (w/v) Sodium Azide                                                                                                                                   |
| <b>Shipping</b>       | Wet Ice                                                                                                                                                    |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA