

## Product Specification Sheet

**Product:** Collagen Type IV (Bovine Placenta)

**Code:** 001-001-106

**Lot #** 12265

**Size:** 500 µg

**Physical State:** Liquid (sterile filtered)

**Protein Concentration:** 1.0 mg/ml (by dry weight)

**Buffer:** 0.5M Sodium Acetate, pH 4.5

**Stabilizer:** None

**Preservative:** None

**Application(s):** For use as a control or standard in indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for immunoprecipitation and for western blotting.

**Recommended Dilution(s):** Not determined. Optimal titers for applications should be determined by the researcher.

**Storage Conditions:** Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is six (6) months from date of opening product.

**Purity and Specificity:** This product has been prepared from Bovine Placenta and is chromatographically and immunologically pure. This product reacts with anti-Collagen Type IV. Reaction with Rockland's anti-Collagen I, II, III, V or VI is negligible (typically less than 1% cross reactivity was detected by ELISA).

**Immunogen:** Not applicable.

**Note:** 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.