

Product Specification Sheet

Product: Collagen Type IV (Human Placenta)

Code: 009-001-106

Lot # 11945

Size: 500 µg

Physical State: Liquid

Protein Concentration: 2.0 mg/ml (by dry weight)

Buffer: 0.1M Sodium Acetate, pH 4.5

Stabilizer: None

Preservative: 0.01% Sodium Azide

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 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 human placenta and is chromatographically and immunologically pure. This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. 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.