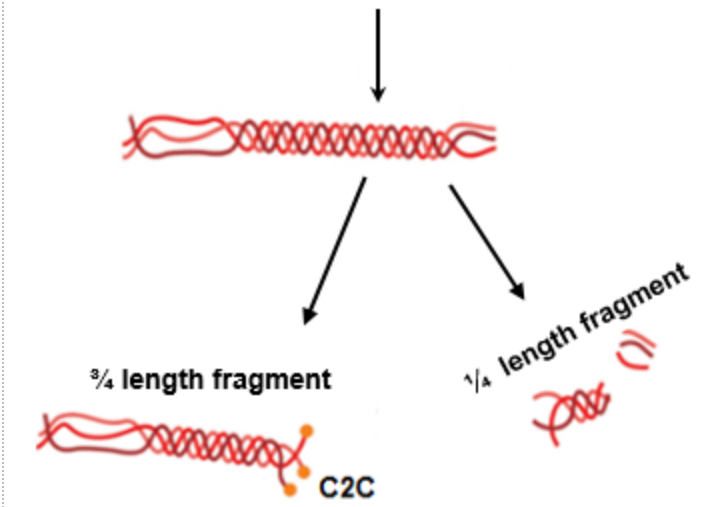


Collagen Type II Cleavage Assay (C2C ELISA)

Cat. # 60-1001-001

Cleavage of Type II collagen by collagenases MMP-1, MMP-8 and MMP-13



Intended use:

The C2C ELISA kit measures cartilage degradation. This assay with specific monoclonal antibody to type II collagen primary cleavage site recognizes the α -chain fragments containing an approximate 9 amino acid sequence from the carboxy terminus of the three-quarter length piece produced by collagenase cleavage (MMP-1, MMP-8, MMP-13) of type II collagen.

- Method:** ELISA competitive inhibition, 96 wells
- Sample type:** Optimized for serum (may also be used for plasma, synovial fluid, urine, cell culture, cartilage extracts)
- Sample volume:** 25 μ L per replicate
- Calibration range:** 10 – 1000 ng/mL
- Incubation time:** 2.5 hours
- Species:** Optimized for human (may also be used for various animal species)
- Cross-reaction:** No cross-reaction with uncleaved triple-helical and heat-denatured human collagen types I and II and uncleaved alpha-chains of collagen types I and II. No cross-reaction with correspondingly cleaved alpha-chains of collagen type I

IBEX Pharmaceuticals Inc.