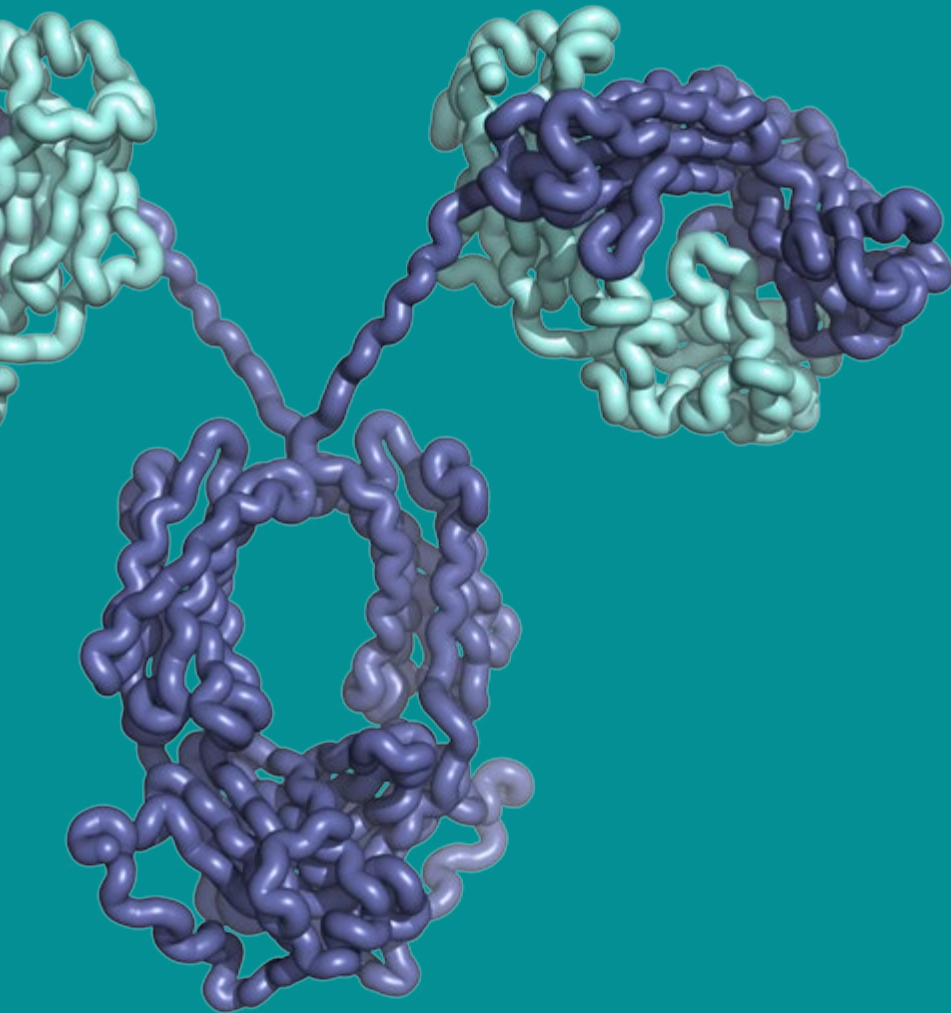


## Collagen-antibody induced arthritis

**Collagen-antibody induced arthritis** is a rapid model to study arthritis using monoclonal antibodies (mAbs) against type II collagen. A single injection induces arthritis in mice within days as compared to weeks with the collagen induced arthritis model.



The mAb cocktail used for the induction of arthritis in mice is a mixture of 5 clones. Two of the five clones recognize individual epitopes clustered within the 83 amino acid peptide fragment called LyC-2 (291-374) and three clones recognize the 167 amino acid peptide fragment called LyC-1 (124-290) of the CB11 fragment (124-402) of type II collagen. These epitopes share common amino acid sequences with many different species of type II collagen including chicken, mouse, rat, bovine, porcine, monkey, and human.

**Benefits:**

- ✓ Faster Results
- ✓ Broad Applicability
- ✓ Consistency

**Products available:**

Code:	Description:	Pack Size:
<a href="#">53010</a>	Arthrogen-CIA 5-clone cocktail Kit	10mg
<a href="#">53040</a>	Arthrogen-CIA 5-clone cocktail Kit	40mg
<a href="#">53100</a>	Arthrogen-CIA 5-clone cocktail Kit	100mg
<a href="#">9028</a>	Lipopolysaccharide from E.coli 0111:B4	0.5mg/ml x 1ml