

Technical Information

CS-846

Chondroitin Sulfate 846 Epitope of Proteoglycan Aggrecan

Cat. No.:	60-1004
Tests:	96
Method:	ELISA
Range:	20 - 1000 ng/ml
Incubation time:	3 hours
Sample volume:	10 µl per (dilute 1:5)
Sample type:	Serum (also used for synovial fluid, cell culture, cartilage extract)
Sample preparation:	Serum samples should be aliquoted, rapidly frozen and stored at -70 °C. Avoid repeated freezing/thawing of samples. Serum: stable > 1 year at -70 °C.
Species:	Human (also used for horse, bovine, dog, rabbit, guinea pig, rat, rhesus macaque, sheep). The use of mouse samples may lead to high background interference.
Cross Reaction:	Chondroitin sulfate, dermatan sulphate and keratan sulfate alone, either in their native or degraded state, show no reactivity.

Intended use:

CS-846, a chondroitin sulfate epitope, which is normally only present on intact aggrecan "fetal-like" proteoglycan, is used as a biomarker in the investigation of the cartilage synthesis/turnover in rheumatoid arthritis, osteoarthritis, ankylosing spondylitis and cartilage injury and repair in human as well as some animal models.

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