

Multi-Species Type II Collagen Detection Kit – References

X. Zhang, Y. Zhu, X. Chen, Y. Zhang, Y. Zhang, *et al.*, Baicalein ameliorates inflammatory-related apoptotic and catabolic phenotypes in human chondrocytes. *Int Immunopharmacol* **21**, 301-8 (2014).

Z. Jenei-Lanzl, S. Grässer, G. Pongratz, F. Kees, N. Miosge, *et al.*, Norepinephrine inhibition of mesenchymal stem cell and chondrogenic progenitor cell chondrogenesis and acceleration of chondrogenic hypertrophy. *Arthritis Rheumatol* **66**, 2472-81 (2014).

J. Zellner, C. Taeger, M. Schaffer, J. Roldan, M. Loibl, *et al.*, Are applied growth factors able to mimic the positive effects of mesenchymal stem cells on the regeneration of meniscus in the avascular zone?. *Biomed Res Int* **2014**, 537686 (2014).

Y. Tanaka, Y. Saijo, Y. Fujihara, H. Yamaoka, S. Nishizawa, *et al.*, Evaluation of the implant type tissue-engineered cartilage by scanning acoustic microscopy. *J Biosci Bioeng* **113**, 252-7 (2012).

D. Xu, Y. Kim, J. Postelnek, M. Vu, D. Hu, *et al.*, RN486, a selective Bruton's tyrosine kinase inhibitor, abrogates immune hypersensitivity responses and arthritis in rodents. *J Pharmacol Exp Ther* **341**, 90-103 (2012).

X. Cui, K. Breitenkamp, M. Finn, M. Lotz, D. D'Lima, Direct Human Cartilage Repair Using Three-Dimensional Bioprinting Technology. *Tissue Eng Part A* **18**, 1304-12 (2012).

C. Hagandora, M. Tudares, A. Almarza, The effect of magnesium ion concentration on the fibrocartilage regeneration potential of goat costal chondrocytes. *Ann Biomed Eng* **40**, 688-96 (2012).

W. Toh, E. Lee, X. Guo, J. Chan, C. Yeow, *et al.*, Cartilage repair using hyaluronan hydrogel-encapsulated human embryonic stem cell-derived chondrogenic cells. *Biomaterials* **31**, 6968-80 (2010).

R. Natoli, C. Revell, K. Athanasiou, Chondroitinase ABC treatment results in greater tensile properties of self-assembled tissue-engineered articular cartilage. *Tissue Eng Part A* **15**, 3119-28 (2009).

B. Elder, K. Vigneswaran, K. Athanasiou, D. Kim, Biomechanical, biochemical, and histological characterization of canine lumbar facet joint cartilage. *J Neurosurg Spine* **10**, 623-8 (2009).

Y. Tanaka, T. Ogasawara, Y. Asawa, H. Yamaoka, S. Nishizawa, *et al.*, Growth factor contents of autologous human sera prepared by different production methods and their biological effects on chondrocytes. *Cell Biol Int* **32**, 505-14 (2008).



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G. Liu, H. Kawaguchi, T. Ogasawara, Y. Asawa, J. Kishimoto, *et al.*, Optimal combination of soluble factors for tissue engineering of permanent cartilage from cultured human chondrocytes. *J Biol Chem* **282**, 20407-15 (2007).

D. Pfander, T. Cramer, E. Schipani, R. Johnson, HIF-1alpha controls extracellular matrix synthesis by epiphyseal chondrocytes. *J Cell Sci* **116**, 1819-26 (2003).

W. Kim, W. Lee, J. Ryoo, S. Kim, J. Kim, *et al.*, Suppression of collagen-induced arthritis by single administration of poly(lactic-co-glycolic acid) nanoparticles entrapping type II collagen: a novel treatment strategy for induction of oral tolerance. *Arthritis Rheum* **46**, 1109-20 (2002).