

CELL

APPLICATIONS, INC.

Published on *Cell Applications* (<https://www.cellapplications.com>)

[Home](#) > Human Chondrocytes: Rheumatoid Arthritis: HC-RA

Human Chondrocytes: Rheumatoid Arthritis: HC-RA

- Description
- Details
- Products
- Resources
- Citations **NEW**

Instructions HC-RA

5 Important Cell Culture Rules

MSDS Cryopreserved Cells

Cell Apps Flyer Skeletal System Cells

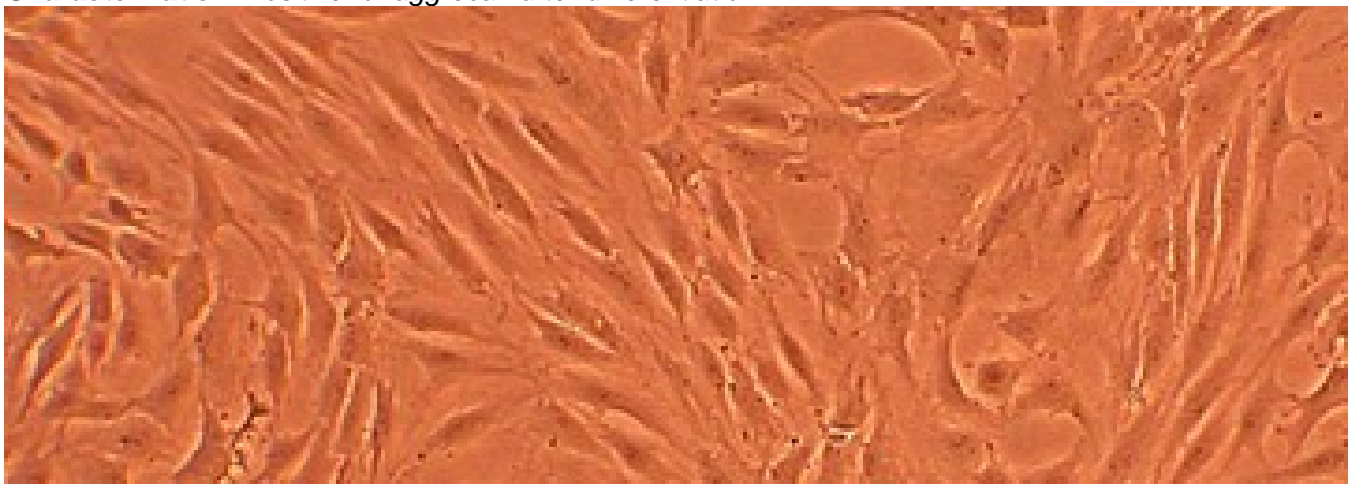
Cell Apps Poster Primary Cells

Cell Applications Inc Brochure

Description

Human Chondrocytes Rheumatoid Arthritis (HC-RA) are derived from human articular cartilage of donors with rheumatoid arthritis (RA). Rheumatoid arthritis is an inflammatory disease that is characterized by overproliferation of synovial cells and their infiltration into adjacent joint tissues, accompanied by gradual destruction of cartilage and bone erosion. Normally, chondrocytes are responsible for producing and maintaining the extracellular matrix of cartilage, but in RA cartilage, the environment is changed significantly due to inflammation and the invasion of other cells. Therefore, HC-RA can be a useful model to study the effects of those changes on chondrocyte biology. In parallel with normal HC, HC-RA can be used to investigate the differences between normal and pathological joints and evaluate potential treatment strategies.

Characterization: *Positive for aggrecan after differentiation*



Human Chondrocytes-Rheumatoid Arthritis: HC-RA. Isolated from a donor patient with joint disease.

Details

Tissue	Human articular cartilage, from donor w/ rheumatoid arthrits
QC	No bacteria, yeast, fungi, mycoplasma, virus
Bioassay	Attach, spread, proliferate in Growth Med
Cryovial	500,000 HC-RA (1st passage) frozen in Basal Medium w/10% FBS, 10% DMSO
Kit	Cryovial frozen HC-RA (402RA-05), Growth Medium (411-500), Subcltr Rgnt Kit (090K)
Proliferating	Shipped in Gr Med, 2nd psg (flasks or plates)
Doublings	At least 10
Applications	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

Instructions HC-RA

Format: PDF

[Download Now](#) ^[2]

MSDS Cryopreserved Cells

Format: PDF

[Download Now](#) ^[3]

Products

Related Products

Extended Family Products

Resources/Documents

5 Important Cell Culture Rules

Format: PDF

[Download Now](#) ^[4]

Cell Apps Flyer Skeletal System Cells

Format: PDF

[Download Now](#) [5]

Cell Apps Poster Primary Cells

Format: PDF

[Download Now](#) [6]

Cell Applications Inc Brochure

Format: PDF

[Download Now](#) [7]

Citations



[Powered by Bioz](#) [8] [See more details on Bioz](#) [9]

Misc. Links

- [Site](#)
- [Privacy](#)
- [Returns](#)
- [Shipping](#)
- [Terms](#)
- [Disclaimer](#)
- [Distributors](#)

Contact Us

Cell Applications, Inc
6455 Weathers Place
San Diego, CA 92121
Open M-F, 8am-5pm PST

800-645-0848
info@cellapplications.com

Socialize With Us

•

Newsletter Signup

[Subscribe to our newsletter](#)

Source URL:<https://www.cellapplications.com/human-chondrocytes-rheumatoid-arthritis-hc-ra>

Links

[1] https://www.cellapplications.com/sites/default/files/images_product_type/HC-RA.jpg

[2] <https://www.cellapplications.com/sites/default/files/documents/instructions/Instructions HC-RA.pdf>

[3] <https://www.cellapplications.com/sites/default/files/documents/msds/MSDS Cryopreserved Cells.pdf>

[4] <https://www.cellapplications.com/sites/default/files/documents/misc/5 Important Cell Culture Rules 241111.pdf>

[5] <https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Flyer>

[Skeletal System Cells.pdf](https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Flyer Skeletal System Cells.pdf)

[6] [https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Poster Primary Cells \(2017\).pdf](https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Poster Primary Cells (2017).pdf)

[7] <https://www.cellapplications.com/sites/default/files/documents/misc/Cell Applications Inc Brochure 2017.pdf>

[8] <https://www.bioz.com/>

[9] <https://www.bioz.com/result/402ra-05a/product/Cell Applications Inc/?cn=402ra-05a>