



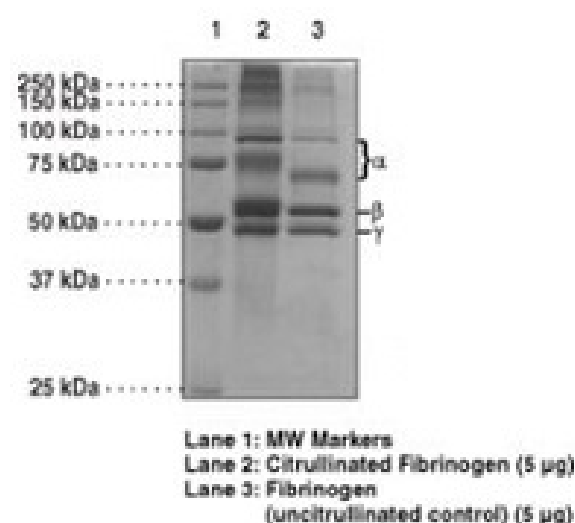
Citrullinated human fibrinogen

New tool for rheumatoid arthritis research

Source:

Fibrinogen, purified from human plasma, citrullinated with human recombinant PAD4

Under chronic inflammatory conditions, fibrinogen can be posttranslationally modified by peptidylarginine deiminase 4 (PAD4), which converts specific arginine residues to citrulline. Patients with rheumatoid arthritis (RA) produce antibodies that bind citrullinated human fibrinogen (CHF). The CHF and reactive antibodies form immune complexes in RA patients, and these immune complexes can stimulate macrophages. Recently, it has been discovered that immunizing mice with CHF induces the production of anti-CHF antibodies and the development of arthritis that shares pathophysiological features of human RA.



Na Cayman, você encontra também:

[Anti-Type II Collagen IgG Assay Kit \(Quantitative, mouse\)](#)

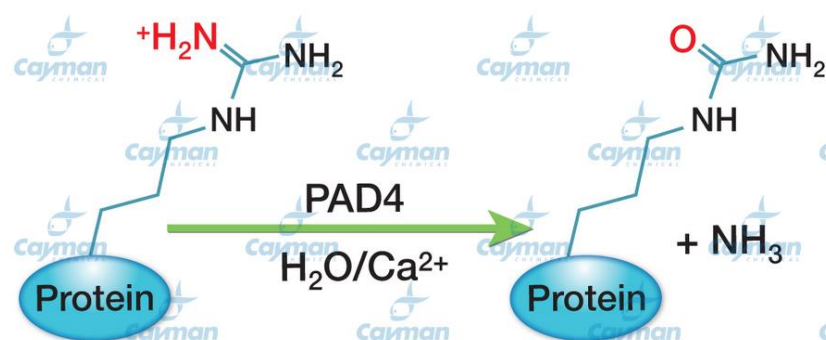
[PAD4 \(human recombinant\)](#)

[PAD4 Inhibitor Screening Assay Kit](#)

[PAD4 Autoantibody EIA Kit](#)

[Cl-Amidine](#)

[F-Amidine \(trifluoroacetate salt\)](#)



Citrullination is the enzymatic conversion of arginine to citrulline in situ on proteins