

Title (en)
ELISA KITS FOR DETECTING COLLAGENASE 3 AS A PROENZYME AND IN AN ACTIVATED FORM IN BODY FLUIDS AND CELL CULTURE SUPERNATANTS

Title (de)
ELISA-KITS ZUM NACHWEIS VON KOLLAGENASE 3 ALS PROENZYM UND IN AKTIVIERTER FORM IN KÖRPERFLÜSSIGKEITEN UND ZELLKULTURÜBERSTÄNDEN

Title (fr)
KITS DE DOSAGE ELISA POUR LA DETECTION DE LA COLLAGENASE 3 EN TANT QUE PROENZYME ET SOUS FORME ACTIVEE DANS DES LIQUIDES CORPORELS ET DES SURNAGEANTS DE CULTURES CELLULAIRES

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EP 03753260 A 20030827

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Abstract (en)
[origin: WO2004021007A1] The invention relates to ELISA kits for detecting procollagenase 3 and activated collagenase 3 in body fluids, especially in human serum and synovial fluid, and in cell culture supernatants, and monoclonal antibodies which specifically recognise said antigens. Said ELISA kit comprises the following separately packed elements: a) a solid carrier comprising monoclonal antibodies which are bound thereto and sensitively and specifically bind human procollagenase 3 or activated collagenase 3; b) human recombinant procollagenase 3 or activated collagenase 3 as a standard for the quantitative determination of said enzyme; c) a buffer for producing a standard series of the recombinant collagenase 3; d) a buffer for diluting the body fluids to be analysed; e) a conjugate which is marked in such a way that it can be detected and which binds to collagenase 3; and f) a substrate which enables the visualisation of said conjugate which is marked in such a way that it can be detected. The monoclonal antibodies cited in a) are preferably monoclonal antibodies which are formed from the hybridoma with the deposit number DSM ACC 2572. Said ELISA kit can be used in medical fields, especially for medical diagnosis, especially for controlling the development of rheumatoid arthritis, systemic lupus erythematosus and tumour diseases.

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