

Title (en)
BIOMARKERS FOR OXIDATIVE STRESS

Title (de)
BIOMARKER FÜR OXIDATIVEN STRESS

Title (fr)
BIOMARQUEURS DU STRESS D'OXYDATION

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Application
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Abstract (en)
[origin: WO0028072A1] This invention relates generally to methods of detecting and quantifying biomarkers of oxidative stress in proteins. The biomarker may be any amino acid that has undergone oxidation (or other modification, e.g. chloro-tyrosine, dityrosine). Emphasis is given herein on oxidized sulfur- or selenium-containing amino acids (SSAA). The biomarker of oxidative stress in proteins may be detected with an antibody that binds to oxidized amino acids, specifically oxidized sulfur- or selenium-containing amino acids. The antibody may be monoclonal or polyclonal. The presence of biomarker or amount of biomarker present in a sample may be used to aid in assessing the efficacy of environmental, nutritional and therapeutic interventions, among other uses.

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Citation (search report)
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• [X] WO 9711371 A1 19970327 - CYTOCHEM INC [US], et al
• [X] WO 9812561 A1 19980326 - ATHEROGENICS INC [US], et al
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• See references of WO 0028072A1

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