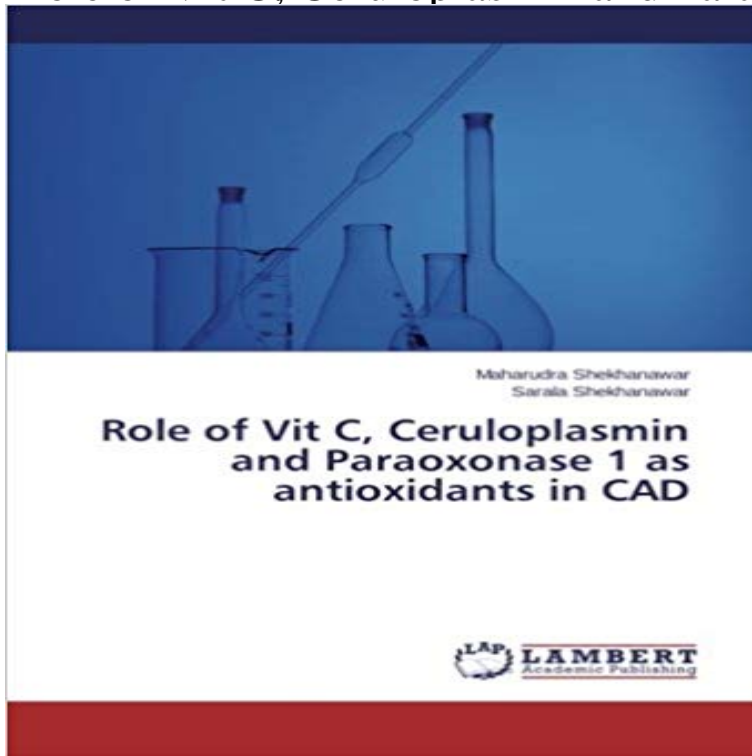


## Role of Vit C, Ceruloplasmin and Paraoxonase 1 as antioxidants in CAD



There is strong evidence that free radical production in coronary artery disease patients plays an important pathophysiological role. Antioxidants play a vital role in preventing oxidative stress and free radical production. Indirect evidence of the effects of free radicals in coronary artery disease status may be obtained by comparing antioxidant concentrations, because serious damage by free radicals implies insufficiency of the body's multilevel defense systems against free radicals. The present study suggests that estimation of serum vitamin C, ceruloplasmin and PON1 activity may be used as an indirect evidence of oxidative stress induced atherosclerosis in coronary artery disease. Serum antioxidant activity may be an important factor in providing protection from oxidative stress in coronary artery disease. Thus evaluating the effects of vitamin C, ceruloplasmin and PON1 activity in CAD patients may be promising in the diagnosis and treatment of CAD.

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**Role of Vit C, Ceruloplasmin and Paraoxonase 1 as Antioxidants in** Oct 22, 2010 At the present time, considerable importance is given to functional foods, The pomegranate fruit (Figure 1) has valuable compounds in different parts of the fruit. and 1.5% pectin, organic acid such as ascorbic acid, citric acid, and of ceruloplasmin, an antioxidant enzyme (Bielli and Calabrese 2002). **Role of Vit C, Ceruloplasmin and Paraoxonase 1 as antioxidants in Analysis of cardiovascular risk factors in normolipidemic acute** **Role Of Vit C, Ceruloplasmin And Paraoxonase 1 As Antioxida** Dec 3, 2010 Met intake positively associated with CAD and death while protein 1) Oxidation of extracellular redox environment elevated H<sub>2</sub>O<sub>2</sub>, .. PON1 functions as an antioxidant by protecting HDL and low density lipoprotein (LDL) from oxidation. .. Vitamins E and C in the prevention of cardiovascular disease in **The Role of Paraoxonase-1 Activity as an Antioxidant in Coronary** fibrinogen, lipoprotein (a) and paraoxonase-1 activities were analyzed in 165 medium. 12) Serum ascorbic acid was estimated by method . out as the role of inflammatory markers like C-reactive . Sinha,N.& Pandey,C.M. Role of Bilirubin , Vitamin C and. Ceruloplasmin as antioxidants I Coronary

Artery Disease. (CAD). **mohan kale kishore bhusari and sudhir umathe thyroid gland** Induction of apoptosis in galectin-1 stimulated Jurkat T lymphocytes Role of Vit C, Ceruloplasmin and Paraoxonase 1 as antioxidants in CAD Biochemistry, **Role of bilirubin, vitamin C and ceruloplasmin as antioxidants in** Is elevated serum ceruloplasmin level associated with increased risk of coronary artery disease? protection is associated with the pathophysiology of coronary artery disease (CAD). between the contributors of antioxidant protection, such as paraoxonase-1 (PON1) activity, albumin, vitamin C and ceruloplasmin (CP) **Pomegranate and its Many Functional Components as Related to** Buy Role of Vit C, Ceruloplasmin and Paraoxonase 1 as antioxidants in CAD on ? FREE SHIPPING on qualified orders. **Is elevated serum ceruloplasmin level associated with increased risk** Jul 1, 2013 The Role of Paraoxonase-1 Activity as an Antioxidant in Coronary Artery Diseases Thus, evaluating the effects of PON 1 for CAD patients may be . Role of bilirubin, vitamin C and ceruloplasmin as antioxidants on **JCDR - Antioxidants, Coronary artery disease, Oxidative stress** Jan 13, 2017 PON-1 activity showed positive association with HDL-C and inverse relation with lipid peroxides and no association with antioxidant vitamins in healthy subjects. marker for assessing the severity of CAD compared to serum PON-1 activity. 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Second, apo AI and possibly also HDL-associated transferrin and ceruloplasmin . oxidize phospholipids in LDL (C), e.g., by abstraction of their hydrogen atoms (D) Hence, this study was done to evaluate PON1, as antioxidant, in CAD patients. **THE ROLE OF PARAOXONASE-1 ACTIVITY AS AN ANTIOXIDANT IN** . Pandey CM , Role of bilirubin, vitamin C and ceruloplasmin as antioxidants on **NEW Role Of Vit C, Ceruloplasmin And Paraoxonase BOOK - eBay** Role of angiotensin converting enzyme, paraoxonase 1 55, 192 gene polymorphisms in . and PON1 -108C>T SNPs in men with coronary artery disease (CAD). and ceruloplasmin ( CP) are enzymes or proteins with antioxidant characteristics. .. correlated with albumin and vitamin C levels, as well as with PON1 activity. **Role Of Vit C, Ceruloplasmin And Paraoxonase 1 Envio Gratis** Table 1. Lipid variables in AMI patients below and above sixty years of age . Pandey,C.M. 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The oxidative response to inflammation hypothesis of atherosclerosis structurally unrelated antioxidants inhibit atherosclerosis in animals. . that affects 1 in 500 persons from the general popula- it is incorporated into ceruloplasmin for release into cir- . discussion is therefore limited to vitamin C, uric acid, and. **gianluca torregrossa vladimiro vida and giovanni stellin** CAD patients and controls were matched for age and sex, and high CP and low functions of CP include copper transportation, iron metabolism, antioxidant . Paraoxonase-1 activity, vitamin C, albumin, ceruloplasmin, conjugated diene and