



Figure S1: Changes in SOD, Catalase and β -actin expression levels by western blot

A) SOD expression levels; B) Catalase expression levels; C) Beta-actin expression levels

N: Normal; C: Control; P: Positive control; M100: Mackerel muscle protein hydrolysate at a concentration of 100 mg kg⁻¹; M250: Mackerel muscle protein hydrolysate at a concentration of 250 mg kg⁻¹; M500: Mackerel muscle protein hydrolysate at a concentration of 500 mg kg⁻¹.