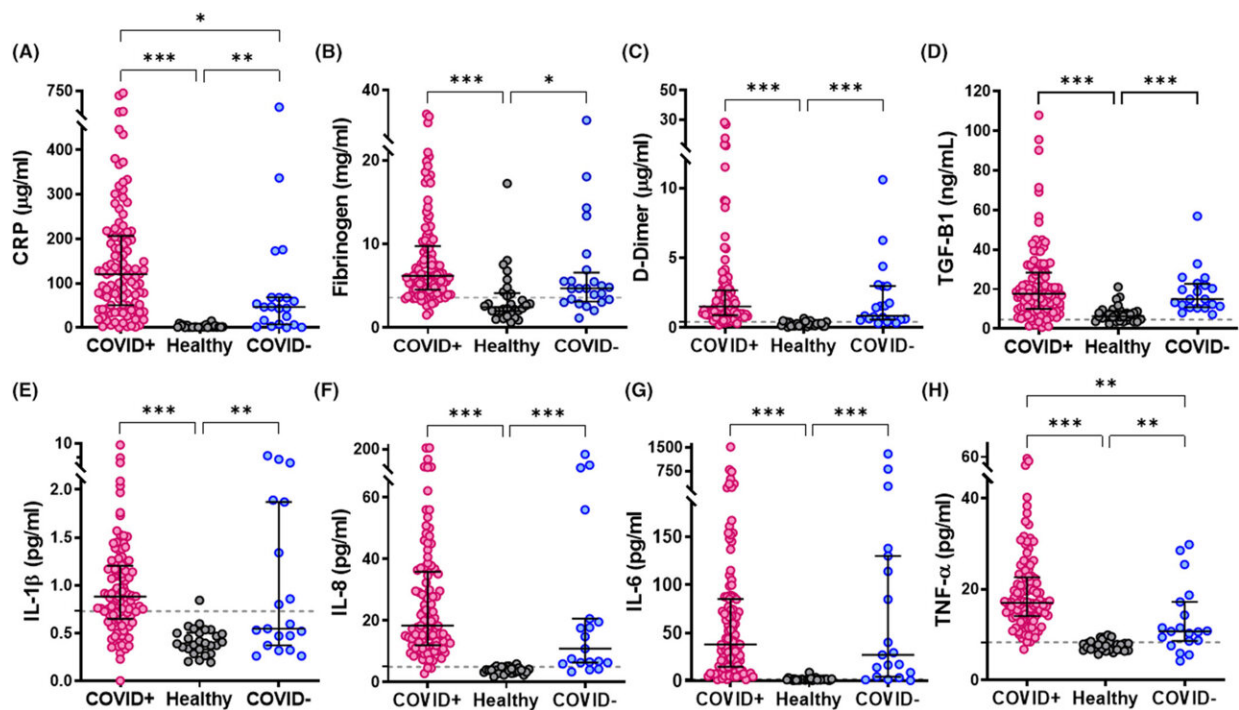


# Key blood clotting protein could be 'warning light' for severe COVID cases

August 12 2022



Inflammatory markers and proinflammatory cytokines in COVID-19. Antigen levels of inflammatory markers and proinflammatory cytokines were measured in plasma from confirmed COVID-19 patient plasma (COVID+), other non-COVID-19 respiratory infections (COVID–) or healthy controls by Simple Plex assays on Ella system or by ELISA for fibrinogen. (A) C-reactive protein (CRP), (B) fibrinogen, (C) D-dimer, (D) transforming growth factor  $\beta$ 1 (TGF- $\beta$ 1), (E) interleukin (IL)-1 $\beta$ , (F) IL-6, (G) IL-8 and (H) tumor necrosis factor  $\alpha$  (TNF- $\alpha$ ). Dotted lines indicate antigen concentrations in pooled normal plasma. Data are shown as median  $\pm$  interquartile range (IQR), \*p

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