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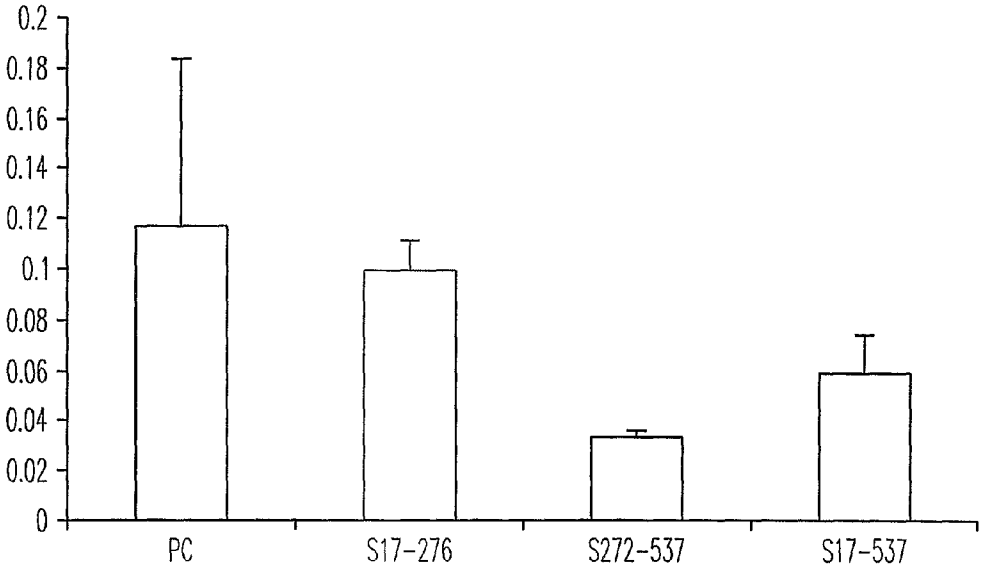
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(54) Title: SOLUBLE FRAGMENTS OF THE SARS-COV SPIKE GLYCOPROTEIN



(57) Abstract: The invention relates generally to the spike protein from the virus (SARS-CoV) that is etiologically linked to severe acute respiratory syndrome (SARS); polypeptides and peptide fragments of the spike protein, and conservative variants thereof; nucleic acid segments and constructs that encode the spike protein, polypeptides and peptide fragments of the spike protein, and conservative variants thereof, and coupled proteins that include the spike protein or a portion thereof; peptidomimetics; vaccines; methods for vaccination and treatment of severe acute respiratory syndrome; antibodies; aptamers; and kits containing antibodies or aptamers that bind to the spike protein.

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