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(54) **Title**: MULTIPLEX QUANTITATION OF INDIVIDUAL RECOMBINANT PROTEINS IN A MIXTURE BY SIGNATURE PEPTIDES AND MASS SPECTROMETRY

(57) **Abstract**: The present invention relates to an analytical method for quantitation of selected multiple recombinant proteins in a complex matrix such as recombinant polyclonal antibodies in serum or recombinant polyclonal antibodies expressed in a culture supernatant.