Title: ENTRAPMENT OF MAGNETIC NANO PARTICLES IN A CROSS-LINKED PROTEIN MATRIX WITHOUT AFFECTING THE FUNCTIONAL PROPERTIES OF THE PROTEIN

Abstract: Entrapped magnetic nanoparticles in a cross linked matrix of an intended protein, without having the functional properties of the protein affected, and a method for preparing the same is disclosed herein. Further, the use of entrapped magnetic nanoparticles in the protein matrix in diagnostic, immobilization and immunoprecipitation kits is described herein.