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(54) Title: ENTRAPMENT OF MAGNETIC NANOPARTICLES IN A CROSS-LINKED PROTEIN MATRIX WITHOUT AFFECTING THE FUNCTIONAL PROPERTIES OF THE PROTEIN

(57) 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.



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