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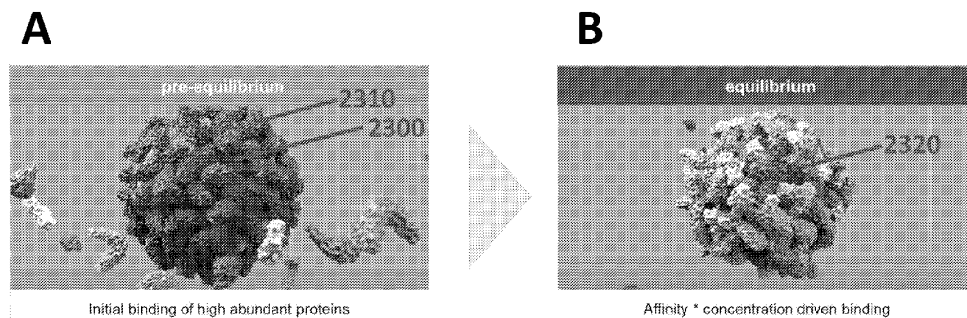


FIG. 23

(57) Abstract: Disclosed herein are particles and methods of using said particles in assays for detection of biomolecules in a sample. Various methods of the present disclosure utilize particles for biomolecule adsorption. In some aspects, the present disclosure provides methods which utilize multiple particle concentrations to differentially fractionate biological samples. In further aspects, the present disclosure provides methods which utilize low particle concentrations to enhance adsorbed biomolecule diversity.

[Continued on next page]

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