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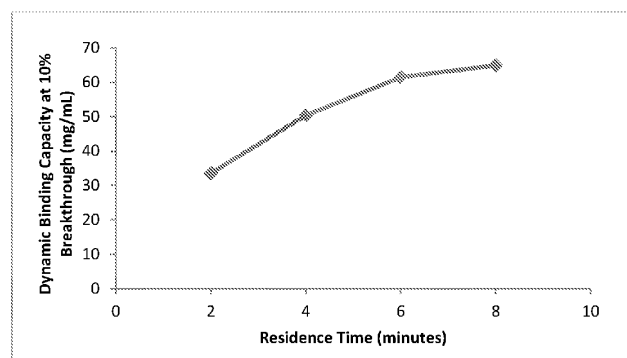
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(54) Title: POLYPEPTIDE AFFINITY LIGANDS AND METHODS OF USING

Figure 1. Dynamic Binding Capacity of Solid Support Functionalized with Polypeptide Affinity Ligand.



(57) Abstract: The present invention relates to a novel polypeptide affinity ligand coupled to solid supports and affinity purification of IgG antibodies. The invention is comprised of (1) the design, generation, and purification of polypeptide ligands, (2) coupling of a polypeptide affinity ligand to a solid support matrix, (3) purification of IgG (polyclonal and monoclonal antibodies), and (4) cleaning and reuse of polypeptide supported solid matrix.

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