ISOLATION AND PURIFICATION OF ANTIBODIES USING PROTEIN A AFFINITY CHROMATOGRAPHY

ABSTRACT

Disclosed herein are methods for the isolation and purification of antibodies wherein the use of an affinity chromatographic step results in an antibody composition sufficiently pure for pharmaceutical uses. The methods described herein comprise pH viral reduction/inactivation, ultrafiltration/diafiltration, affinity chromatography, preferably Protein A affinity, ion exchange chromatography, and hydrophobic chromatography. Further, the present invention is directed toward pharmaceutical compositions comprising one or more antibodies of the present invention.