

METHODS OF PURIFYING FC-CONTAINING PROTEINS

ABSTRACT

The present invention relates to methods of purifying proteins containing Fc regions, such as antibodies and Fc fusion proteins. In particular, the present invention relates to a purification method resulting in reduced levels of aggregate protein comprising adsorbing an Fc region-containing protein to a temperature-responsive protein A resin and eluting the protein from the resin at a temperature below 35 C with an elution buffer comprising a chaotropic agent, a sugar alcohol, and at least one amino acid. Methods of separating fully assembled antibodies from half antibody forms thereof using the elution buffer are also described.

FIG. 12