

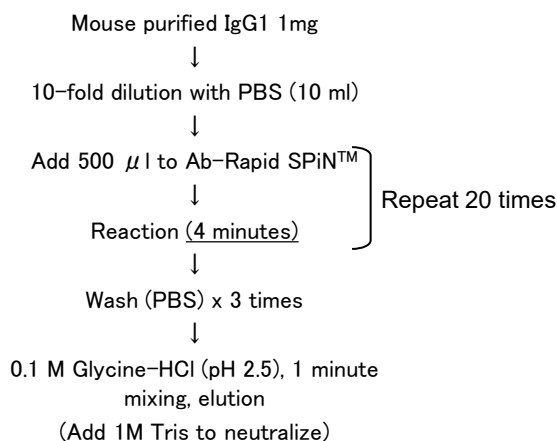
Ab-Rapid SPiN™

Repeated low-concentration IgG addition

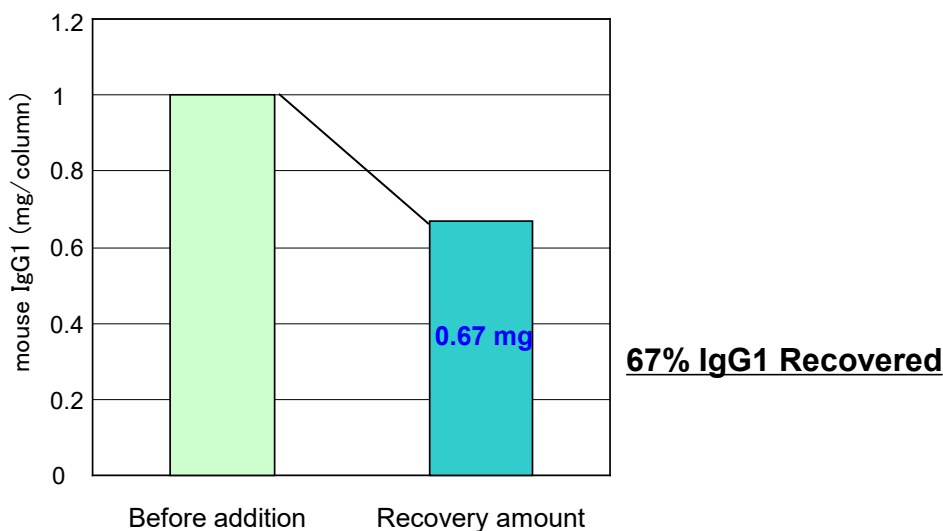
Operation flow chart

Duration: 95 minutes

Standard method



Monoclonal IgG1 recovery



Mouse monoclonal IgG1 was prepared at a concentration of 100 $\mu\text{g/ml}$, and a low-concentration IgG sample such as cell culture supernatant was attempted to be purified by Ab-Rapid SPiN™. A 500 μl sample was repeatedly added to the Ab-Rapid SPiN™ column 20 times, and the sample was washed and eluted. As a result, 0.67 mg of mouse IgG1 could be recovered from a 10 ml solution containing 1 mg of mouse IgG1. From this, it was found that even a low-concentration IgG sample can be concentrated and purified by increasing the number of additions.