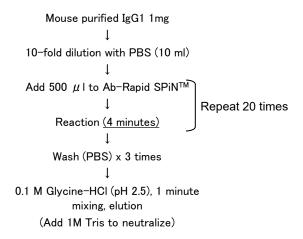


Ab-Rapid SPiN[™] Repeated low-concentration IgG addition

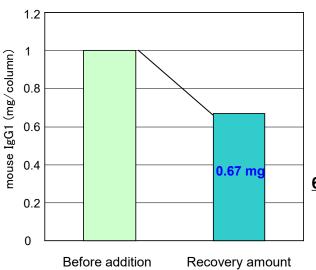
Operation flow chart

Duration: 95 minutes

Standard method



Monoclonal IgG1 recovery



67% IgG1 Recovered

Mouse monoclonal IgG1 was prepared at a concentration of 100 μ g/ml, and a low-concentration IgG sample such as cell culture supernatant was attempted to be purified by Ab-Rapid SPiNTM. A 500 μ l sample was repeatedly added to the Ab-Rapid SPiNTM 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.

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