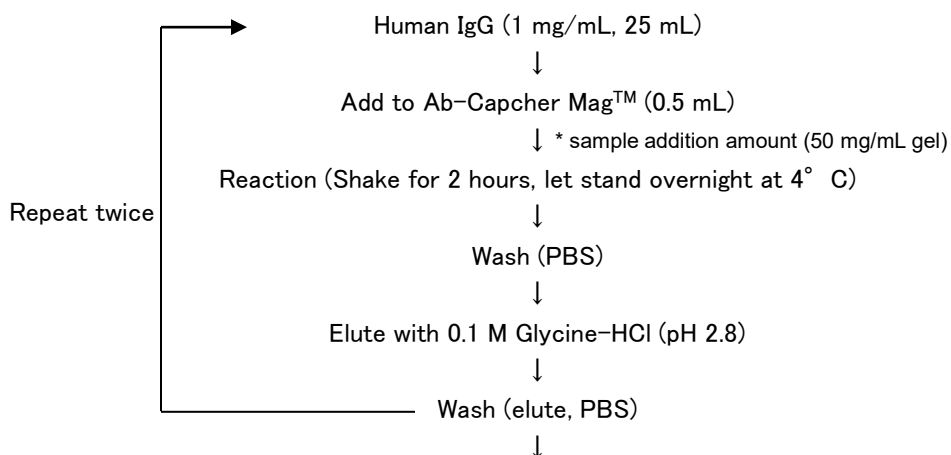
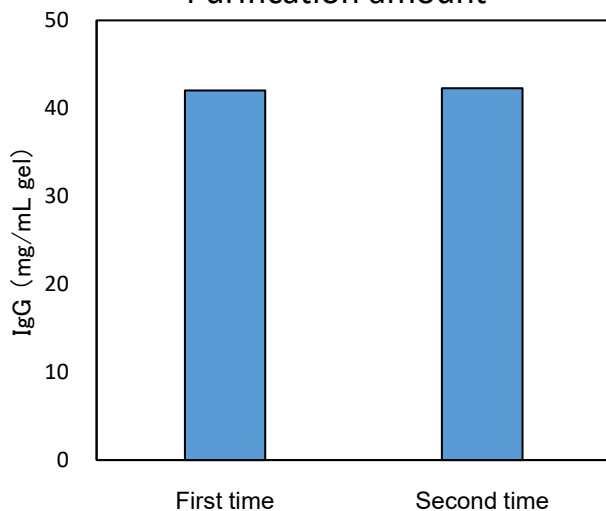


Ab-Capcher Mag™ Medium-scale IgG purification

Operating procedure



Purification amount



Number of times	IgG (mg/mL gel)	Capture rate
First time	42.0	81.6%
Second time	42.3	81.3%

A 50-fold amount of human IgG solution was added to Ab-Capcher Mag™ in an amount equivalent to 50 mg/mL gel, and the purified amount of antibody and its capture rate when 25 mL of sample was treated were examined. In addition, changes in the amount of purified antibody due to repeated use of the gel were examined. As a result, 42 mg/mL gel IgG could be recovered from Ab-Capcher Mag™ 0.5 mL, and the capture rate was 81.6%. When the gel was washed and the same operation was performed again, the binding amount was 42.3 mg/mL gel and the capture rate was 81.3%, which were the same values as those of the first time.