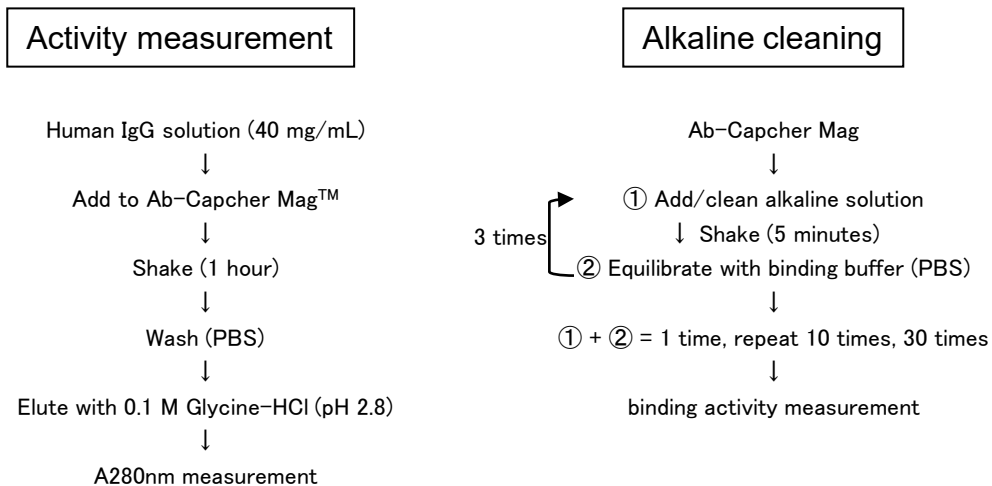


Ab-Capcher Mag™ Alkaline washing durability test



Activity measurement result

	Untreated (mg/mL gel)	10 times (mg/mL gel)	30 times (mg/mL gel)
0.1 N NaOH washes	92.5 (100%)	88.9 (96.2%)	83.6 (90.4%)
0.5 N NaOH washes	91.5 (100%)	78.0 (85.3%)	

Ab-Capcher™, an alkali-stable Protein A derivative immobilized on highly cross-linked agarose, has been evaluated as a gel carrier that can be washed with alkali. Therefore, the alkali durability of the Ab-Capcher™ magnetic beads was verified by repeatedly performing alkali cleaning with a highly alkaline solution. As a result, Ab-Capcher Mag™ retains 90% or more IgG-binding ability after washing 30 times with 0.1 N NaOH and 85% IgG-binding ability after washing 10 times even with 0.5 N NaOH.