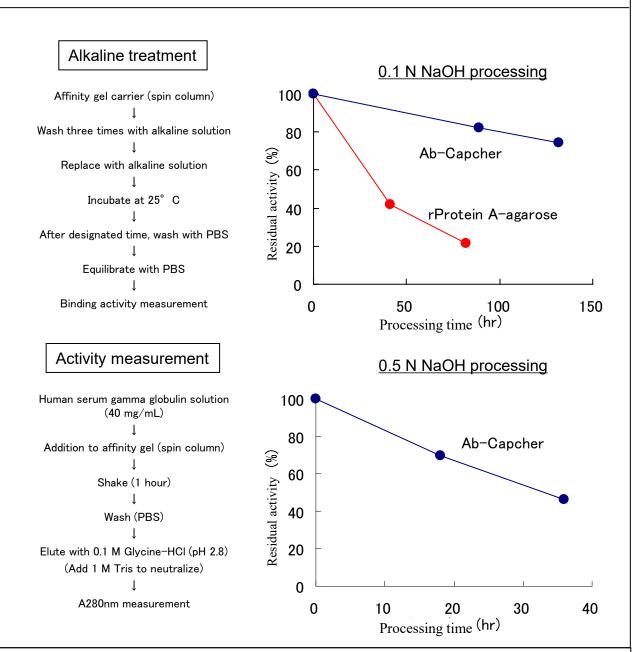


Ab-CapcherTM alkaline stability



Ab-Capcher[™] is an alkaline-stable Protein A-R28 immobilized on highly cross-linked agarose. In order to evaluate its alkaline stability, antibody binding activity was measured after various times of exposure to 0.1N and 0.5N NaOH solutions. Commercially available rProtein A agarose gel showed a human IgG binding activity of 21% when treated with 0.1N NaOH for 82 hours, whereas Ab-Capcher[™] had an IgG binding activity of 83% even after 89 hours treatment with 0.1N NaOH. Further, 70% of its binding activity remained even after treatment with 0.5 N NaOH for 18 hours. These results demonstrate that Ab-Capcher[™] is an alkaline resistant gel carrier that can be washed with either 0.1N NaOH or 0.5N NaOH for short periods of time.

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