ab193262 – Protein A/G Sepharose®

For the purification of monoclonal and polyclonal antibodies.

For overview, typical data and additional information please visit:
http://www.abcam.com/ab193262

Procedure Example

1) Wash column with ddH_2O to remove air bubbles.
2) Fill column with protein A/G beads.
3) Wash the column with 5X volume of Binding Buffer.
4) Dilute serum sample with Binding Buffer (1:1 ratio).
5) Invert the diluted serum sample to mix well. Make sure no bubbles in the solution.
6) Pour the solution onto the column.
7) Collect the solution and repeat step 6 & 7 for 10 times.
8) Wash the column 4 – 5 times with Binding Buffer containing 0.5 M NaCl.
9) Wash the column 4 - 5 times with the Binding Buffer.
10) Add Elution Buffer to elute IgG (0.5-1 ml each time).
11) Collect the eluent using microcentrifuge tube.
12) Assay protein concentration and combine the fractions containing sufficient amount of IgG.
13) To regenerate/store column:
    a. Wash with 3 volumes of elution buffer.
    b. Wash with 3 volumes of distilled water.
    c. Store column in 20 % Ethanol/H_2O.

Buffer Example

1) Binding buffer: 0.05 M sodium borate, 0.15 M sodium chloride pH 8.0.
2) Elution buffer: 0.1 M citric acid, pH 2.75.

Technical Support

For all technical or commercial enquiries please go to:

www.abcam.com/contactus
www.abcam.cn/contactus (China)
www.abcam.co.jp/contactus (Japan)

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