

## Protein A Beads

**Cat. No.** Protein A-28A    **Lot. No.** (See product label)

### SPECIFICATION

|                                 |                                                                                                                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Protein A beads may be used for purification of IgG subclass of antibodies from several species. For a complete use guide, please follow the protocol section. When used and stored properly, the beads may be used repeatedly for up to 100 times. |
| <b>Cat.no</b>                   | Protein A-28A                                                                                                                                                                                                                                       |
| <b>Matrix</b>                   | Highly cross-linked agarose, 4%                                                                                                                                                                                                                     |
| <b>Functional group</b>         | Protein A                                                                                                                                                                                                                                           |
| <b>Average particle size</b>    | 45-165 µm                                                                                                                                                                                                                                           |
| <b>Ligand concentration</b>     | 1-2 mg/ml                                                                                                                                                                                                                                           |
| <b>Dynamic binding capacity</b> | 4-7 mg IgG per ml                                                                                                                                                                                                                                   |
| <b>Recommended flow rate</b>    | 1-3 ml/min/ cm <sup>2</sup>                                                                                                                                                                                                                         |
| <b>pH working range</b>         | 3-11                                                                                                                                                                                                                                                |
| <b>Elution buffer</b>           | 2% sucrose, adjusted pH to 2-3 by CH <sub>3</sub> COOH.                                                                                                                                                                                             |

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