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## Data Sheet

# Protein A Agarose column

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<b>Description</b>	<b>Protein A Agarose column for purification of monoclonal- and polyclonal antibodies</b>
<b>Target substance</b>	Polyclonal and monoclonal antibodies (IgG), bound via the Fc-region
<b>Support</b>	Rigid, highly cross-linked agarose
<b>Form</b>	Pre-packed in buffer, pH 7.4: PBS pH 7.4, 1 mM EDTA, 0.01% sodium azide.
<b>Bead size</b>	45 µm (average)
<b>Ligand</b>	Alkaline stable recombinant protein A expressed in E. coli using animal-free medium
<b>Dynamic binding capacity (DBC10%)</b>	≥70 mg hu IgG/mL resin at residence time 6 min, ≥50 mg hu IgG/mL resin at residence time 2.4 min, ≥25 mg hu IgG/mL resin at residence time 1 min (Dynamic binding capacity was determined with 1 mg/ml monoclonal hu IgG1 using a 1 ml column at 1, 2.4 and 6 minutes residence time.)
<b>Recommended pH working range</b>	2 to 13 (normal working conditions)
<b>Cleaning-in place stability</b>	No significant change in performance after 100 cycles with 0.5M NaOH (1cycle= 15 min contact time) use at room temperature
<b>Chemical stability</b>	Stable to commonly used aqueous buffers in Protein A chromatography
<b>Storage</b>	2-8 °C
<b>Shipping</b>	Room temperature
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.

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