

## Zetarose Protein A Elevate®

Beaded agarose resin immobilized with NaOH tolerant recombinant Protein A ligand.

A cross-linked affinity resin for immunoglobulin protein purification.

<b>Product Code</b>	<b>TM-1425</b>
<b>Quality Parameter</b>	<b>Specification:</b>
Binding capacity	≥ 30 mg human IgG / mL resin
Particle diameter 45 to 160 µm	≥ 80 % in range
<b>Other Product Properties</b>	
Solid phase	Highly cross-linked beaded agarose, derivatized with 1 M NaOH tolerant recombinant Protein A ligand.
Particle diameter	100 µm. Particle range 45 - 160 µm (≥ 80 %).
Application	Zetarose Protein A Elevate® is a cross-linked beaded agarose resin, derivatized with 1 M NaOH tolerant Protein A ligands. The resin may be used to purify immunoglobulins via their selective affinity to Protein A.
Velocity properties	Linear velocity ≥ 300 cm/h and operating pressure up to 3 bar.
pH stability	2 – 14 (short term), 3 – 9 (long term) The pH stability of the affinity resin will be ultimately dependent on the pH stability of the ligand bound to the resin and the incubation time. Zetarose Protein A Elevate® shows high stability at pH ~2-14 with exposure times of up to 15 minutes to 1 M NaOH.
Chemical stability	Zetarose Protein A Elevate® is generally tolerant of all commonly used aqueous solutions for protein purification.
Storage buffer	20 % ethanol
Storage	+2 to +8 °C. DO NOT FREEZE!
Miscellaneous	---
Notice	The use of this product is strictly limited to trained personnel for professional manufacturing, laboratory, or research purposes. Final Fitness-For-Use must be determined by and is the sole responsibility of the end-user.