

Ceramic Hydroxyapatite Type I

Cat. No. Hydroxyapatite-51A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

CHT ceramic hydroxyapatite support is a leading purification medium for today's demanding downstream process industry. Its mixed-mode support offers unique selectivities and often separates biomolecules that appear homogeneous using other chromatographic methods. The diverse binding capabilities of CHT for host cell proteins, leached protein A, antibody dimmers and aggregates, nucleic acids, and viruses allow its use at any stage from initial capture to final polishing. Two types of CHT ceramic hydroxyapatite, Type I and Type II, are available in three particle sizes, 20, 40, and 80 µm. Both types have elution characteristics similar to crystalline hydroxyapatite but also have some important differences.

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Matrix Highly cross-linked agarose

Average particle size 40 µm

Dynamic binding capacity 14-21.5 mg lysozyme/g

Recommended flow rate 300 cm/h

Chemical stability 2 M NaOH, 6 M guanidine-HCL, 8 M urea, 0.1 M sodium acetate, pH 5.7

Autoclavable 121 °C, 20 min

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