

DiagAg™ CM Agarose Particles, 6% Crosslinked, 45-165 µm

Cat.No: DAG-YS23-21

DESCRIPTION

Description

Ion exchange resin mainly includes strong acid cation exchange resin, weak acid cation exchange resin, strong alkali anion exchange resin and weak alkali anion exchange resin, which is widely used in the separation and purification of downstream proteins, nucleic acids and peptides in biopharmaceutical and bioengineering. This SP strong cation exchange resin uses highly cross-linked 6% agarose as the medium, which can tolerate a high flow rate and higher chemical stability, suitable for laboratory and industrial large-scale purification.

APPLICATION

Application Notes

Purification

PRODUCT INFORMATION

Diameter

45-165 µm

Functional Group

Carboxymethyl

Ion Exchanger Type

Weak cation, $-O-CH_2COO^-$

Usage Statement

1. Fully reversed several times to make the agarose particles mixed evenly.
2. During all operations, the samples need to be operated on 4°C or on ice.
3. For your safety and health, please wear laboratory clothes and wear disposable gloves.
4. This product is only used for scientific research purposes!

Matrix

6% agarose

Surface Group Density	0.09-0.13 mmol H ⁺ /mL matrix
pH Range	4-13 (long term), 2-14 (short term)
Flow Velocity	300-700 cm/h

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Storage	Store at 2-8°C. Do not freeze.
Shipping Condition	Ship with an ice pack.
Shelf Life	5 years