

DiagAg™ Reduction Resistant Ni-Charged Agarose Particles, 6% Crosslinked, 45-165 µm, High Flow

Cat.No: DAG-24BY21

DESCRIPTION

Description

These particles are Ni-charged 6% crosslinked agarose particles, which can tolerate 20 mM DTT and 20 mM EDTA. Compared with similar products, this product will not lose nickel ions, and it is not necessary to reload nickel ions when reuse the purification medium. This suitable for the purification of His tagged protein samples requiring the addition of reducing or chelating agents. This product is not compatible with 8 M urea and 6 M guanidine hydrochloride. For the purification of inclusion body proteins, in the case of using 8 M urea or 6 M guanidine hydrochloride, the removal of urea and guanidine hydrochloride by dialysis before purification using this product is necessary. They can be used under a fast flow velocity.

APPLICATION

Application Notes

His tagged protein purification

PRODUCT INFORMATION

Diameter	45-165 µm
Functional Group	Ni ²⁺
Concentration	50% v/v
Matrix	6% agarose
Binding Capacity	20-30 mg His tagged protein/mL gel
Maximum Operating Pressure	300 kPa

Maximum Linear Velocity 300 cm/h

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Storage	4°C. Do not freeze.
Shelf Life	1 year
