



Continuation

Immobilised NeutrAvidin products, Thermo Scientific Pierce

Thermo
SCIENTIFIC

NEW

PN

Catalogue No	Description	Quantity
PN29200	NeutrAvidin agarose resin Support: Crosslinked 6% beaded agarose Capacity: >20µg or 80nmol biotin/mL resin (1 to 2mg biotinylated BSA/mL resin)	5mL
PN29201	NeutrAvidin agarose resin Support: Crosslinked 6% beaded agarose Capacity: >20µg or 80nmol biotin/mL resin (1 to 2mg biotinylated BSA/mL resin)	10mL
PN53150	NeutrAvidin ultraLink resin Support: UltraLink Biosupport Capacity: 12 to 20µg biotin/mL resin	5mL
PN53151	NeutrAvidin Plus UltraLink resin Support: UltraLink Biosupport Capacity: ≥30µg biotin/mL resin	5mL
PN29202	High capacity NeutrAvidin agarose resin Support: Crosslinked 6% beaded agarose Capacity: >75µg biotin/mL resin >8mg biotinylated BSA/mL resin	5mL
PN29204	High capacity NeutrAvidin agarose resin Support: Crosslinked 6% beaded agarose Capacity: >75µg biotin/mL resin >8mg biotinylated BSA/mL resin	10mL

Immobilised monomeric avidin and kit, Thermo Scientific Pierce

Thermo
SCIENTIFIC

NEW

PN

Ideal affinity support for gentle, reversible binding of biotinylated proteins.

- Purifies biotinylated products under mild elution conditions
- Can be regenerated and reused at least 10 times
- Exhibits little non-specific binding (3% or less)

To break the avidin-biotin interaction, 8 M guanidine•HCl at pH1.5 or boiling in SDS-PAGE sample buffer is required. These elution methods may result in denaturation of the biotinylated protein and cause irreversible damage to the support. In addition, avidin or streptavidin will be irreversibly denatured and lose the ability to bind subsequent biotinylated samples.

When avidin is coupled to a solid support as the subunit monomer, the specificity for biotin is retained, but the affinity for biotin binding substantially decreases ($K_d \sim 10^6 M^{-1}$). Thermo Scientific Pierce monomeric avidin agarose resin and kit can be used to bind biotinylated molecules, and the bound material can be competitively eluted using 2mM biotin in phosphate buffered saline (PBS). This technique provides the gentlest elution conditions without contamination of the avidin subunits or substantial loss of column-binding capacity.

Catalogue No	Description	Quantity
PN20228	Monomeric avidin agarose resin Support: Crosslinked 4% beaded agarose Capacity: ≥1.2mg biotinylated BSA/mL resin	5mL
PN20267	Monomeric avidin agarose resin Support: Crosslinked 4% beaded agarose Capacity: ≥1.2mg biotinylated BSA/mL resin	10mL
PN20227	Monomeric avidin agarose kit Support: Crosslinked 4% beaded agarose Capacity: ≥1.2mg biotinylated BSA/mL resin Includes: 1 x 2 mL column, binding and elution buffers	Kit
PN53146	Immobilised monomeric avidin UltraLink resin Support: UltraLink biosupport Capacity: ≥1.2mg biotinylated BSA/mL resin	5mL
PN29129	Biotin, 1g	1g