

## Streptavidin Agarose Beads

Cat No# BB-SA001A (500µl)  
Cat No# BB-SA001B (1000µl)  
Cat No# BB-SA001C (2ml)  
Cat No# BB-SA001D (5ml)

**Bead Diameter:** Spherical, 50 -150µm

**Cross-Linked:** Yes

**Ligand:** Recombinant Streptavidin

**Agarose %:** 6%

**Coupled Ligand Quantity:** ~1.5 mg protein per ml of resin

**Volume %:** 50% (v/v) aqueous suspension containing 20% Ethanol

**Application:** Immunoprecipitation of biotinylated molecules.

**Introduction:** Recombinant streptavidin purified from *E.coli* is covalently bound to 6% cross-linked agarose bead. The Streptavidin-linked resin which is stable at pH 2-11 can be used to separate biotinylated products from non-biotinylated products. Biotinylated molecules can be RNA, DNA or protein which binds to the Streptavidin agarose bead with extremely high affinity.

**Storage Temperature:** 4°C

**Expiry:** After 18 months from receiving if proper storage condition is followed.

## Pulldown Experiments

- Pulldown experiments using streptavidin beads and biotinylated DNA *in vitro* show that NF-κB RelA homodimer (baculovirus-derived full length protein) binds Ig-κB DNA and that RPS3 enhances RelA's binding to κB DNA.

