Li StarFish S.r.l.
Via Cavour, 35 - 20063 Cernusco S/N (MI), Italy
Tel. +39-02-92150794 - Fax. +39-02-92157285
info@listarfish.it -www.listarfish.it

Bio-Adembeads Protein A/G or PAG for IP and co-IP

Immunoprecipitation (IP) is a child's play

- Higher Efficiency : effective (co) -IP and less background due to optimized magnetic nanoparticles

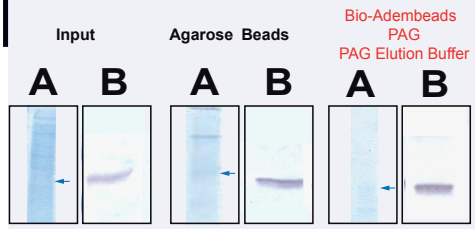
- Simplify and speed the procedure :
- No centrifugation
- Less incubation time and reduced washing steps
- No preclearing step required
- Clear visualization of the magnetic nanoparticles
- No centrifugation

- Gentle system :
- Minimal loss of protein
- Minimal stress versus centrifugation
- Isolation of large protein complexes.

- Flexible system : compatible with a wider range of antibodies
- ***Bio-Adembeads Protein A*** coated with Protein A
- ***Bio-Adembeads Protein G*** coated with Protein G
- ***Bio-Adembeads PAG*** coated with Protein AG a genetically-engineered protein that combines the IgG binding domains of both Protein A and G.

IP results obtained with Bio-Adembeads Protein A/G and PAG

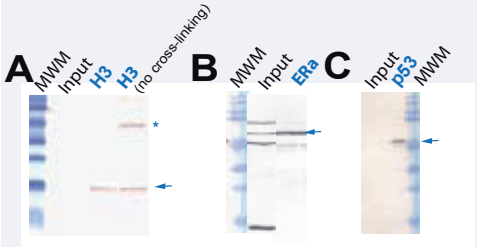
Comparative IP



Immunoprecipitation of acetyl-Histone H3 from HeLa cells with Bio-Adembeads PAG and Elution PAG Buffer.

A- Gel stained for total protein with coomassie blue
B- Gel was tranfered for Western Blot

IP of nuclear factors

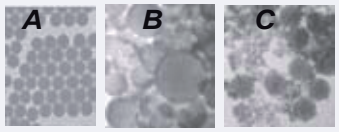


Western Blot analysis of immunoprecipitated nuclear proteins using Bio-Adembeads Protein A/G and cross-linking procedure and PAG Elution Buffer.

A- Acetyl Histone H3 (*Heavy IgG chain)
B- Estrogen receptor alpha (ERa)
C- p53 tumor suppressor protein

Why Choose Adembeads?

Uniform size = less variability



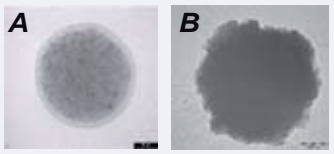
A- Calibrated Adembeads: unique size

B-C- Random size distribution of magnetic particles from competitors

Small size = large surface area

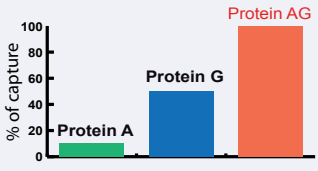
"The small size offers an increased surface area for binding and eliminates the sedimentation problems that affect larger particles."

Homegeneous surface = less background



A- Core shell structure of Adembeads: defined surface area
B- Magnetic particle from competitor

Available with Protein A/G or AG



Rat IgG efficiency capture

Li StarFish distribuisce: