



ChIP-Grade Protein A/G Magnetic Agarose Beads

C1507450

Storage 2-8°C.

Introduction

The ChIP-Grade Protein A/G Magnetic Agarose Beads, developed and produced by Aladdin, with the full English name "ChIP-Grade Protein A/G Magnetic Agarose Beads," are also referred to as ChIP-grade Protein A/G magnetic beads, ChIP-grade Protein A/G immunoprecipitation magnetic beads, ChIP-grade Protein A/G beads, or ChIP-grade Protein A/G immunoprecipitation beads. They serve as an excellent tool for isolating immune complexes in scientific research experiments.

This product is prepared by covalently coupling high-quality recombinant Protein A and Protein G with magnetic agarose beads. Through specialized processing, it exhibits high specificity for binding to corresponding antibodies while maintaining extremely low non-specific adsorption to proteins, DNA, and RNA, effectively minimizing experimental interference and ensuring accuracy. It is primarily suitable for the isolation and enrichment of immune complexes in experiments such as Chromatin Immunoprecipitation (ChIP) and RNA Immunoprecipitation (RIP).

The product offers convenient and efficient operation. With the aid of magnetic separation equipment such as magnetic racks, it enables rapid precipitation of chromatin fragments or RNA fragments bound to target proteins. Stored in a dedicated special protective solution without glycerol, it allows quick separation via magnetic adsorption, eliminating the need for centrifugation. This significantly simplifies experimental procedures, enhances efficiency, and adapts to a wide range of scientific research scenarios.

Instruction for use

1. ChIP-Grade Protein A/G Magnetic Agarose Beads can be used in experiments such as ChIP and RIP.
2. Approximately 50–80 μ l of ChIP-Grade Protein A/G Magnetic Agarose Beads are used per reaction.
3. Magnetic separation: Place the tube on a magnetic stand for 10 seconds, then remove the supernatant.

Matters needing attention

1. This product should be maintained at pH 6–8. Avoid high-speed centrifugation and drying. Do not leave the beads in a magnetic field for extended periods, as this may cause bead aggregation.
2. Prior to use, the beads should be properly and thoroughly resuspended by inverting the tube several times to ensure homogeneous mixing. Mix gently, avoiding vigorous vortexing

- or shaking to prevent protein denaturation.
3. If using instruments such as a vacuum pump to aspirate the supernatant, carefully control the suction intensity to avoid aspirating aggregated beads due to excessive force.

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