

Active Protein A-coupled magnetic Beads

Cat. No. Protein A-765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Appearance	lyophilized powder mixture
Particle size	2.8µm
Bio-activity	Immobilized 0.04 µg /Test of Biotinylated Human PD-1, Avitag,His Tag (recommended for biopanning) to the Streptavidin-Acridine ester (0.008 µg /Test), incubated with 100 µL /Test of Human PD-L1, Fc Tag at increasing concentration coupled to Protein A-coupled Magnetic Beads (used for MPCLIA) (10 µg beads/Test). Detection was performed with sensitivity of 3.125 ng/mL in Magnetism particulate chemiluminescence immunoassay (MPCLIA) (KEYSMILE, SMART 6500S).
Coupled amount of protein	About 755 pmol (20 µg) Protein A/mg Beads
Capacity	15-25ug Human antibody or Human IgG Fc tag proteins/mg beads
Background	The Protein A-coupled Magnetic Beads are 2.8 µm superparamagnetic particles covalently coupled to a highly pure form of Diamond Protein A. The beads can be used to capture the antibodies in Chemiluminescence procedures.The Diamond Protein A is a 26.5 kDa surface protein, it binds the heavy chain within the Fc region of most immunoglobulins and also within the Fab region in the case of the human VH3 family.The Protein A-coupled Magnetic Beads is easy to capture the most antibodies, and the bounded antibody have no activity lost, this ready to use products

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

could greatly save your protein coupling time and hassle, and help us get the best performance and highly reproducible results.

Application

The Protein A-coupled Magnetic Beads is used to capture the most antibodies, it can combination with Acridinium ester markers in chemiluminescence technology, The Acridinium ester markers such as Streptavidin-Acridinium ester can capture the biotinylated proteins or molecules, this allows detection of antigen and antibody binding or antibody screening.

Storage

Upon receipt, please store the Beads at -20°C. The shelf life is 1 year at -20 °C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA