

Active IgM Antibody-coupled magnetic Beads

Cat. No. IgM-443M Lot. No. (See product label)

SPECIFICATION

Species	Human
Appearance	lyophilized powder mixture
Particle size	2.8µm
Bio-activity	Immobilized 0.04 µg /Test of Biotinylated SARS-CoV-2 Spike RBD, His,Avitag to the Streptavidin Protein-Acridine ester (0.04 µg /Test), incubated with 100 µL /Test of Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Chimeric mAb, Human IgM (AM122) at increasing concentration coupled to Anti-Human IgM-coupled Magnetic Beads (recommended for MPCLIA) (10 µg /Test). Detection was performed with sensitivity of 0.244 ng/mL in Magnetism particulate chemiluminescence immunoassay (MPCLIA) (KEYSMILE, SMART 6500S).
Coupled amount of protein	About 133 pmol (20 µg) Anti- Human IgM Antibody / mg Beads
Capacity	3-8 µg Human IgM / mg beads
Background	The Anti-Human IgM-coupled Magnetic Beads are 2.8 µm superparamagnetic particles covalently coupled to a highly affinity Monoclonal anti-human IgM antibody. The beads can be used to capture the Human IgM in Chemiluminescence procedures. It has no-cross-reactivity with Human IgG, IgA or IgE. The Anti-Human IgM-coupled Magnetic Beads is easy to capture the human IgM, and the bounded antibody have no activity lost, this ready to use products could greatly save your protein coupling

 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

time and hassle, and help us get the best performance and highly reproducible results.

Application

The Anti-Human IgM-coupled Magnetic Beads is used to capture the human IgM, 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