

## Anti-Human SARS Coronavirus Nucleoprotein / NP Magnetic Beads Immunoprecipitation (IP) Kit

Catalog_no :	AD-PD400091
Applications :	Immunoprecipitation (IP), Minimum Protein Purification
Category :	冠状病毒产品
Size :	20T/100T
Immunogen :	Recombinant SARS-CoV Nucleoprotein / NP Protein
Specificity :	Human SARS Coronavirus Nucleoprotein / NP
Background :	<p>Coronaviruses are enveloped viruses with a positive-sense RNA genome and with a nucleocapsid of helical symmetry. Coronavirus nucleoproteins localize to the cytoplasm and the nucleolus, a subnuclear structure, in both virus-infected primary cells and in cells transfected with plasmids that express N protein. Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. During virion assembly, N protein binds to viral RNA and leads to formation of the helical nucleocapsid. Nucleocapsid protein is a highly immunogenic phosphoprotein also implicated in viral genome replication and in modulating cell signaling pathways. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.</p>
classification_1 :	Anti-coronavirus NPALCAM Magnetic Beads-Immunoprecipitation (IP) Kit; Anti-coronavirus NucleocapsidALCAM Magnetic Beads-Immunoprecipitation (IP) Kit; Anti-coronavirus NucleoproteinALCAM Magnetic Beads-Immunoprecipitation (IP) Kit; Anti-cov npALCAM
origin :	Monoclonal SARS Rabbit IgG
reference :	1. Van Boheemen S, et al. (2012), MBio. 3(6):e00473-12. 2. Bisht H. et al., 2004, Proc Natl Acad Sci. 101 (17): 6641-6. 3. Li W. et al., 2005, Science. 309 (5742): 1864-8.