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Product Datasheet

2019-nCoV NP Antibody (6G9) EBT-EPT257

Article Name	2019-nCoV NP Antibody (6G9)
Biozol Catalog Number	EBT-EPT257
Supplier Catalog Number	EPT257
Alternative Catalog Number	EBT-EPT257-1
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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. N protein packages the positive strand viral geno...
Application Notes	Biological activity: Immobilized 2019-nCoV NP Antibody(6G9)-Fc(CatDA027) at 5µg/ml(100 µl/well) can bind 2019-nCoV Nucleocapsid Protein-His(CatDRA31). The ED50 of 2019-nCoV Nucleocapsid Protein-His(CatDRA31) is 0.1-0.7 ng/ml. Background: 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. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool