

## 2019-nCoV RdRp, Active

Catalog No: C19RP-G241H

RdRp (RNA dependent RNA polymerase) also known as (NSP12) is an enzyme that is crucial for the life cycle of the 2019 novel coronavirus. RdRp plays a central role in the replication and transcription cycle of SARS-CoV-2 and is a prime target to develop nucleotide analog antiviral inhibitors, such as remdesivir. SignalChem's 2019-nCoV RdRp was expressed in E. coli cells using a C-terminal His tag, and is a perfect candidate to investigate potential drug candidates targeting SARS-CoV-2 virus and the COVID-19 infection.

### Unique Selling Points



Biologically active and fully functional



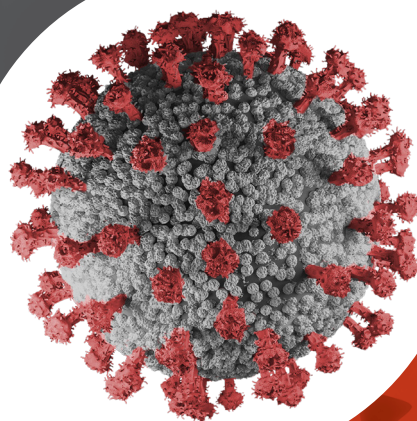
Activity determined using chemiluminescent coupled assay



Purity detected >85% determined by densitometry



Effective for activity assays & inhibition profile studies



### Competitors

**abcam**

**THE NativeAntigen**  
COMPANY

**SB** Sino Biological  
Biological Solution Specialist

### Target Customers



Biopharmaceutical companies developing antiviral drugs



Biopharmaceutical companies developing vaccines



Government research organizations



Scientists studying SARS-CoV-2 structure and mode of actions



Universities investigating SARS-CoV-2