

## COA of recombinant 2019-nCoV N (N-ter partially truncated)

**Cat:** B0007-01-03

**Lot No.:** 20200520

**Source:** recombinant expression

**Form:** liquid

**Buffer:** sterile 20mM PB,0.5M NaCl (pH7.4),20mM L-Arg,0.1%NaN<sub>3</sub>

**Concentration:** 2.43mg/ml(determined by A280)

**Purity:** >90% by SDS-PAGE

**Reactivity:** Recombinant 2019-nCoV N (N-ter partially truncated) can react with all 2019-nCoV virus positive serum, and with much lower non-specific interactions with negative serum. These properties probably make the NP fragment more suitable to the IVD applications.

**Applications:** Diagnostic antigen for detection of Anti-2019-nCoV antibodies

**Storage:** 4°C for frequent usage,For long term storage, store at -20~-70 °C, avoiding freeze/thaw cycles. After storage in liquid at 4°C, NP may be cleaved into several lowed MW fragments by autolysis, This phenomenon is normal .

**Tips:** The samples usually form an inhomogeneous state after freezing and thawing. Usually, protein concentration in the lower layer is higher than that of the upper layer. In order to get an uniform sample concentration, mix the sample gently with pipette and centrifuge it before use please.



M: protein marker;

1: recombinant 2019-nCoV N (N-ter partially truncated)  
SDS-PAGE of recombinant 2019-nCoV N (N-ter partially truncated)

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