



SARS-CoV-2 (Isolate: USA-WA1/2020) Lysate (DAGC467)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The virus is purified using sucrose density gradient ultracentrifugation, disrupted in the presence of 0.5% Triton X-100 non-ionic detergent/0.6 M KCl, and heat inactivated. Each frozen aliquot contains 1 mg of viral lysate per the BCA total protein assay.
Species	SARS-CoV-2
Conjugate	Unconjugated
Applications	Viral lysates are intended for research, product development, or further manufacturing use. The performance characteristics of this product should be tested by your laboratory for each intended usage.
Format	Liquid
Size	1 mg
Storage	Viral lysates should be stored at -65°C or below.

BACKGROUND

Introduction	SARS-Related Coronavirus 2 (Isolate: USAWA1/2020) is an enveloped, positive-sense single-stranded RNA virus from the Coronaviridae family and the Betacoronaviridae genus. This virus was isolated from a patient with a respiratory illness who had returned from travel to the affected region of China and developed COVID-19 in January 2020 in Washington, USA. The genomic sequence can be found in GenBank MN985325.
Keywords	SARS-CoV-2; Coronavirus; COVID-19