

Certificate of Analysis

Product Description:	SARS-Related Coronavirus 2 (SARS-CoV-2) Culture Fluid (Heat Inactivated)*
Isolate:	USA-WA1/2020**
Catalog Number:	0810587CFHI-0.5mL
Lot Number:	324162
Expiration Date:	2023/04/06
Storage Temperature:	-65°C or below
Safety Precautions	BSL-2. Use Universal Precautions.

Analysis	Specification	Result
Titer by TCID ₅₀ Assay	≥ 1 x 10 ⁴ TCID ₅₀ /mL (Prior to Inactivation)	3.55 x 10 ⁵ TCID ₅₀ /mL Date of Testing: 2020/04/13
Infectivity Assay***	Inactivated	Pass

*** Endpoint dilution assays were used to evaluate the pre-inactivation TCID₅₀ titer and the heat inactivated samples. Three independent inactivated virus samples were inoculated into VeroE6 cells (n=4) and incubated for 7 days at 37°C. The inoculated cell cultures were observed for signs of cytopathic effects (CPE). All heat inactivated samples must demonstrate no CPE to verify inactivation of the culture fluid.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Statement of Conformance:

The results reported in this Certificate of Analysis comply with the requirements of ZeptoMetrix Quality Management System and specifications described in the Master Production Record.

*The following reagent was deposited by the Centers of Disease Control and obtained through BEI Resources, NIAID, NIH: SARS-Related Coronavirus 2, Isolate USA-WA1/2020, NR-52281.

**SARS-CoV-2 was collected 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; NCBI GenBank Accession No. MN985325.