

Survival of SARS-CoV-2 on food surfaces:

Abbreviations and codes

Results available: Results available

Area of research interest: [Foodborne pathogens](#)

Research topics: [Covid-19](#) , [Foodborne disease](#)

Project code: FS430621

Authors: C.A. Bryant, S.A. Wilks and C.W. Keevil (The University of Southampton)

Conducted by: Food Standards Agency (FSA)

DOI: <https://doi.org/10.46756/sci.fsa.kww583>

Study duration: 2021-02-15

Project status: Completed

Date published: 29 November 2022

Copyright notice

Crown Copyright 2022. This report has been produced by the University of Southampton under a contract placed by the Food Standards Agency (FSA). The views expressed herein are not necessarily those of the FSA. The **University of Southampton** warrants that all reasonable skill and care has been used in performing tests and preparing this report. Notwithstanding this warranty, the **University of Southampton** shall not be under any liability for loss of profit, business, revenues or any special indirect or consequential damage of any nature whatsoever or loss of anticipated saving or for any increased costs sustained by the client or his or her servants or agents arising in any way whether directly or indirectly as a result of reliance on this report or of any error or defect in this report.

Download the full report in PDF:

PDF

[View Survival of SARS-CoV-2 on the surfaces of food and food packaging materials as PDF\(Open in a new window\)](#) (1.75 MB)

Abbreviations and codes

Abbreviations

Abbreviation	Definition
BSA	Bovine serum albumin
COVID-19	Coronavirus disease 2019
CPE	Cytopathic effect
Deli	Delicatessen
DMEM	Dulbecco's Minimal Essential Medium
DMNA	Division of Military and Naval Affairs

Abbreviation	Definition
FSA	Food Standards Agency
FSS	Food Standards Scotland
HCoV	Human coronavirus
HEV	Hepatitis E virus
LOD	Limit of detection
MFMER	The Mayo Foundation for Medical Education and Research
MNV	Murine norovirus
MOI	Multiplicity of infection
PET	Polyethylene terephthalate
PFU	Plaque forming units
RH	Relative humidity
SARS-CoV-2	Severe Acute Respiratory Syndrome Coronavirus 2
SEM	Standard error of the mean
UKHSA	United Kingdom Health Security Agency
WHO	World Health Organization

Foods and food packaging materials codes

Code	Definition
AL	Aluminium can
A	Apple
BR	Brine
B	Broccoli
Bb	Brown bread crust
Ch	Cheddar cheese
CC	Composite drinks carton
Cr	Croissant
M	Mucin
O	Olive
Pc	Pain au chocolat
P	Pepper
PB	PET1 bottle
PT	PET1 tray
R	Raspberry
H	Sliced ham