

Data Sheet
For Research Use Only

CATALOGUE NUMBER	100980
NAME	SARS-CoV-2 infectious virus (BetaCoV/Australia/VIC01/2020)
LOT NUMBER	07052020
PROVIDED	1mL of clarified culture supernatant
DESCRIPTION	<p>SARS-CoV-2 fully infectious virus (strain BetaCoV/Australia/VIC01/2020) grown in VeroE6/TMPRSS2 cell line (CFAR #100978), passage 4.</p> <p>RNA titre (copies / mL, calculated using NIBSC 19/304): 1.10 x 1e10 TCID50/mL in VeroE6: 0.93 x 1e6 TCID50/mL in VeroATCC: 3.54 x 1e6 TCID50/mL in VeroE6/TMPRSS2: 9.73 x 1e6</p>
APPLICATION	Infectivity assay, viral growth, neutralisation assay.
DEPOSITOR	Original virus (passage 3) received by Dr Mike Catton, Victorian Infectious Diseases Reference Laboratory, Melbourne. Passage 4 virus grown by CFAR.
REFERENCE	Isolation and Rapid Sharing of the 2019 Novel Coronavirus (SARS-CoV-2) from the first patient diagnosed with COVID-19 in Australia, Caly <i>et al.</i> Med J Aust. 2020.
ACKNOWLEDGEMENTS	<p>The acknowledgment should read: "The [<i>Insert reagent name</i>] was provided by the NIBSC Research Reagent Repository, UK. With thanks to [<i>Insert Depositor</i>]."</p> <p>Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.</p>

MATERIAL SAFETY SHEET

Physical properties (at room temperature)			
Physical appearance	Yellow/Pink, liquid		
Fire hazard	None		
Chemical properties			
Stable	Yes	Corrosive:	No
Hygroscopic	No	Oxidising:	No
Flammable	No	Irritant:	No
Other: Live SARS-CoV-2. It is the responsibility of the end user to seek local biosafety approval for the storage and handling of the material in their workplace			
Handling: CAUTION - This preparation is not for administration to humans or animals in the human food chain. This preparation is hazardous to health. It should be used and discarded according to your own laboratory's safety procedures. Such safety procedures should include the wearing of protective clothing, gloves and use within ACDP3 or higher facility.			
Toxicological properties			
Effects of inhalation:	Likelihood of Coronavirus infection		
Effects of ingestion:	Likelihood of Coronavirus infection		
Effects of skin absorption:	Not established, avoid contact with skin		
Suggested First Aid			
Inhalation	Seek medical advice		
Ingestion	Seek medical advice		
Contact with eyes	Wash with copious amounts of water. Seek medical advice.		
Contact with skin	Wash thoroughly with water.		
Action on Spillage and Method of Disposal			
Spillage of contents should be taken up with absorbent material wetted with an appropriate virucidal agent. Rinse area with an appropriate virucidal agent followed by water. Absorbent materials used to treat spillage should be treated as biologically hazardous waste.			