Medicines & Healthcare products Regulatory Agency

NIBSC

DATASHEET

REAGENT	VeroE6-ACE2
REPOSITORY REFERENCE	101001
LOT NUMBER	06102020
DESCRIPTION	The VeroE6 cell line has been transduced to express human ACE2 and selected under hygromycin B. This cell line is not derived from a clone but is a pool of hygromycin B resistant cells. The resulting VeroE6-ACE2 cells are highly susceptible to SARS-CoV-2 infection.
SPECIES/TYPE	*Chlorocebus aethiops* - Grivet monkey. Transfer outside of the EU is subject to CITES regulations.
CULTURE	Media DMEM Heat Inactivated Foetal bovine serum, 10% 2mM Glutamine 200 µg/ml Hygromycin B 100 Units Penicillin and 100µg Streptomycin/ml (Optional) We recommend to recover the cells in one T25 flask. **Note that the viability post thaw is low, however, the cells reach confluency 2-3 days post thaw and then grow as expected.**
NUMBER OF CELLS PER VIAL	2x1e6
STORAGE	Liquid nitrogen vapour
DEPOSITOR	Prof. Arvind Patel, The MRC-University of Glasgow Centre for Virus Research, The University of Glasgow.
REFERENCE	Rihn et al., (2020). Manuscript in preparation
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