



DATASHEET

REAGENT	A549-ACE2 clone 8-TMPRSS2
REPOSITORY REFERENCE	101006
LOT NUMBER	06102020
DESCRIPTION	The A549 cell line has been transduced to express human ACE, selected under hygromycin B and cloned. The clone 8 has been further transduced to express human TMPRSS2, selected under hygromycin B and geneticin. This cell line is a pool of hygromycin and neomycin resistant cells. The resulting A549-ACE clone 8-TMPRSS2 cells are highly susceptible to SARS-CoV-2 infection.
SPECIES/TYPE	Adenocarcinomic human alveolar basal epithelial cells
CULTURE	<u>Media</u> Heat inactivated Foetal bovine serum, 10% 2mg/ml Geneticin (G418) 200 µg/ml Hygromycin B 100 Units Penicillin and 100µg Streptomycin/ml (Optional)
NUMBER OF CELLS PER VIAL	2.5x1e6
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
ACKNOWLEDGMENTS	The acknowledgment should read: "The following reagent was obtained from NIBSC, thanks to the donation of Prof. Arvind Patel: A549-ACE2 clone 8-TMPRSS2"