DATASHEET
For Research Use Only

NAME
VeroE6-ACE2

CATALOGUE NUMBER
101001

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 UK is subject to CITES regulations.

CULTURE MEDIUM
DMEM, 90%
Foetal calf serum, 10%
2mM Glutamine
200 μg/ml Hygromycin B
100 Units Penicillin and 100ug 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.

STORAGE
Liquid nitrogen vapour

DEPOSITOR
Prof. Arvind Patel, The MRC-University of Glasgow Centre for Virus Research, The University of Glasgow.

REFERENCE
https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3001091

ACKNOWLEDGEMENTS
The acknowledgment should read: “The [Insert reagent name] was provided by the NIBSC Research Reagent Repository, UK. With thanks to [Insert Depositor].”

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.
# MATERIAL SAFETY SHEET

## Physical properties (at room temperature)

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical appearance</td>
<td>Yellow/Pink, liquid</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>None</td>
</tr>
</tbody>
</table>

## Chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Corrosive</th>
<th>Oxidising</th>
<th>Irritant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Hygroscopic</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Flammable</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### Other:
This product is a cell line; 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. As with all materials of biological origin, this preparation should be regarded as potentially 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 gloves and avoiding the generation of aerosols.

## Toxicological properties

### Effects of inhalation:
Not established, avoid inhalation

### Effects of ingestion:
Not established, avoid ingestion

### Effects of skin absorption:
Not established, avoid contact with skin

### Suggested First Aid

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Seek medical advice</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Seek medical advice</td>
</tr>
<tr>
<td>Contact with eyes</td>
<td>Wash with copious amounts of water. Seek medical advice.</td>
</tr>
<tr>
<td>Contact with skin</td>
<td>Wash thoroughly with water.</td>
</tr>
</tbody>
</table>

## Action on Spillage and Method of Disposal

Spillage of vial contents should be taken up with absorbent material wetted with a suitable disinfectant. Rinse area with a virucidal agent followed by water.

Absorbent materials used to treat spillage should be treated as biologically hazardous waste.