

**Data Sheet**  
**For Research Use Only**

<b>NAME</b>	Neutralising Antisera to SARS CoV-1
<b>CATALOGUE NUMBER</b>	4024
<b>PROVIDED</b>	200µl undiluted rabbit antiserum.
<b>DESCRIPTION</b>	S1 envelope protein was expressed using recombinant baculoviruses as a fusion with human Fc and purified to homogeneity using protein A sepharose chromatography. As a result of the expression the serum may also contain some anti insect cell and anti human Ig binding activity. The serum contains neutralising antibodies as shown by plaque reduction assay and by inhibition of S1-ACE2 interaction in vitro. Recommended dilution for most applications is 1:1000
<b>STORAGE</b>	-20°C
<b>DEPOSITOR</b>	Prof. Ian M. Jones, Animal and Microbial Sciences, The University of Reading
<b>ACKNOWLEDGEMENTS</b>	<p>The acknowledgment should read: "The [<i>Insert reagent name</i>] was provided by the NIBSC Repository, UK. With thanks to [<i>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**

<b>Physical properties (at room temperature)</b>			
Physical appearance	Yellow/Brown, liquid		
Fire hazard	None		
<b>Chemical properties</b>			
Stable	Yes	Corrosive:	No
Hygroscopic	No	Oxidising:	No
Flammable	No	Irritant:	No
Other: This product undiluted sera produced in a rabbit; 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.			
<b>Toxicological properties</b>			
Effects of inhalation:	Not established, avoid inhalation		
Effects of ingestion:	Not established, avoid ingestion		
Effects of skin absorption:	Not established, avoid contact with skin		
<b>Suggested First Aid</b>			
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 vial contents should be taken up with absorbent material wetted with a virucidal agent. Rinse area with a virucidal agent followed by water.

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