



Information received on 05/05/2020 from Dr Thomas Sit, Chief Veterinary Officer / Assistant Director (Inspection & Quarantine), Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government, Hong Kong , Hong Kong (SAR - PRC)

Summary

Report type	Follow-up report No. 1 (Final report)
Date of start of the event	30/03/2020
Date of confirmation of the event	31/03/2020
Report date	04/05/2020
Date submitted to OIE	05/05/2020
Date event resolved	19/04/2020
Reason for notification	Emerging disease
Morbidity	1 (scale 0 to 5)
Mortality	0 (scale 0 to 5)
Zoonotic impact	Zoonotic potential unknown at this time
Causal agent	SARS-CoV-2
Related reports	Immediate notification (03/04/2020) Follow-up report No. 1 (04/05/2020)

Outbreaks	There are no new outbreaks in this report
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Epidemiology

Source of the outbreak(s) or origin of infection	Likely human to animal transmission
Epidemiological comments	The cat was placed under quarantine on 30 March 2020 after its owner was hospitalised due to COVID-19 infection. Following veterinary examination nasal, oral, and rectal swab samples were taken after the cat's admission to the quarantine facility. All samples tested positive for SARS-CoV-2. Virus neutralising antibody was detected in a follow up blood sample. The cat has not exhibited any specific clinical signs. Animal has returned to the owner after completion of quarantine and consecutive negative test results. Risk management measures are in place for this case, including cleansing and disinfection of the premises, and proper personal hygiene and protection. Samples of mammalian pets from households with confirmed human cases of COVID-19 will be collected for testing of SARS-CoV-2 as appropriate.

Control measures

Measures applied	Screening Traceability Quarantine Disinfection Vaccination permitted (if a vaccine exists) No treatment of affected animals
Measures to be applied	No other measures

Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
School of Public Health, The University of Hong Kong (Regional Reference Laboratory)	Cats	Plaque reduction neutralisation test (PRN)	02/05/2020	Positive
School of Public Health, The University of Hong Kong (Regional Reference Laboratory)	Cats	virus isolation	13/04/2020	Negative

Future Reporting

The event is resolved. No more reports will be submitted.
