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Subject: PRO/AH/EDR> COVID-19 update (48): animal, China (Hong Kong), Finland (SF), dog, cat, OIE

Archive Number: 20220214.8701444

CORONAVIRUS DISEASE 2019 UPDATE (48): ANIMAL, CHINA (HONG KONG), FINLAND (SOUTHWEST FINLAND), DOG, CAT, OIE

A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the

International Society for Infectious Diseases

<http://www.isid.org>

In this update:

[1] China (Hong Kong): cat

[2] Finland: dog

[1] China (Hong Kong): cat

Date: Mon 7 Feb 2022

Source: OIE, WAHID (World Animal Health Information Database) [edited]

<https://wahis.oie.int/#/report-info?reportId=48067>

SARS-CoV-2 in animals (inf. with), Hong Kong

Summary

Report type: immediate notification

Started: 4 Feb 2022

Confirmed: 4 Feb 2022

Reported: 7 Feb 2022

Reason for notification: emerging disease

Causal agent: SARS-CoV-2

Diagnostic details: laboratory test

Event morbidity (%): 40

Event mortality: -

Zoonotic impact: zoonotic potential under investigation

New outbreaks: 1

Summary of outbreaks:

Total outbreaks: 1

Outbreak location: Sheung Shui, North, Hong Kong

Date of start of the outbreak: 4 Feb 2022

Outbreak status: continuing

Epidemiological unit: other

Total animals affected:

Species / Susceptible / Cases / Deaths / Killed and disposed of / Slaughtered

Cats / 5 / 2 / 0 / 0 / 0

Affected population: The cats were kept in the same household as a contact of confirmed COVID-19 patient. The animals did not show any relevant clinical signs.

Source of the outbreak(s) or origin of infection: likely human-to-animal transmission

Epidemiological comments: Cats from the same household as a close contact of a confirmed human case of COVID-19 were placed under quarantine on 4 Feb 2022. Following veterinary examination, samples were taken after the cats' admission to the quarantine facility. The cats have not exhibited any specific clinical signs. Risk management measures are in place for this case, including cleansing and disinfection of the premises, proper personal hygiene and protection. Mammalian pets from household with confirmed human cases or close contacts of such cases will be collected for testing of SARS-CoV-2 as appropriate.

Control measures at event level

Domestic control measures applied: screening; traceability; quarantine; disinfection

Diagnostic test results

Laboratory name and type / Species / Test / Test date / Result

Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department (national laboratory) / cats / real-time reverse transcription polymerase chain reaction (rRT-PCR) / 4 Feb 2022 / positive

[The location of the outbreak can be seen on the interactive map included in the OIE report at the source URL above.]

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Communicated by:

ProMED

[ProMED map of Sheung Shui, Hong Kong: <https://promedmail.org/promed-post?place=8701444,12531>]

[2] Finland: dog

Date: Fri 11 Feb 2022

Source: OIE-WAHIS (World Animal Health Information System) 2022 [edited]

<https://wahis.oie.int/#/report-info?reportId=48512>

SARS-CoV-2 in animals (inf. with), Finland

Summary

Report type: immediate notification

Started: 2 Feb 2022

Ended: 10 Feb 2022

Confirmed: 10 Feb 2022

Reported: 11 Feb 2022

Reason for notification: emerging disease

Causal agent: SARS-CoV-2

Diagnostic details: clinical, laboratory test

Event morbidity (%): 1

Event mortality: -

Zoonotic potential: Yes. SARS-CoV-2 has been found to be zoonotic between human and many other animal species. The most likely source of infection for this dog were the humans of the household who were found positive couple of days prior to the signs of infection in the dog.

New outbreaks: 1

Summary of outbreaks

Total outbreaks: 1

Outbreak location: Turku, Varsinais-Suomi, Lounais-Suomen aluehallintovirasto [Southwest Finland]

Started: 2 Feb 2022

Ended: 10 Feb 2022

Epidemiological unit: not applicable

Total animals affected:

Species / Susceptible / Cases / Deaths / Killed and disposed of / Slaughtered or killed for commercial use / Vaccinated

Dogs / - / 1 / 0 / - / - / 0

Affected population: adult female dog, apathetic and some coughing

Epidemiology

Source of the outbreak(s) or origin of infection: family members infected with SARS-CoV-2 (most likely source of infection)

Diagnostic test results

Laboratory name and type / Species / Outbreaks / Test / Test result date / Result

Finnish Food Authority (national laboratory) / dog / 1 / real-time reverse transcription polymerase chain reaction (rRT-PCR) / 10 Feb 2022 / positive

[The location of the outbreak can be seen on the interactive map included in the OIE report at the source URL above.]

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[ProMED map of Turku, Finland: <https://promedmail.org/promed-post?place=8701444,6516>]

[The following is extracted from the OIE COVID-19 Q&A section (last updated 31 Jan 2022):

"There is no evidence that companion animals are playing an epidemiological role in the spread of human infections of SARS-CoV-2. However, as animals and people can both be affected by this virus, it is recommended that people who are suspected or confirmed to be infected with COVID-19 virus avoid close contact with their companion animals and have another member of their household care for them. If they must look after their companion animals, they should maintain good hygiene practices and wear a face mask, if possible. Animals belonging to owners infected with COVID-19 virus should be kept indoors in line with similar lockdown recommendations for humans applicable in the country or area. There is no justification in taking measures which may compromise the welfare of companion animals.

"As a general good practice, basic hygiene measures should always be implemented when handling and caring for animals. This includes handwashing before and after being around or handling animals, their food, or supplies, as well as avoiding kissing, being licked by animals, or sharing food." - Mod.CRD

(<https://www.oie.int/en/what-we-offer/emergency-and-resilience/covid-19/#ui-id-2>)]

See Also

2021

COVID-19 update (430): animal, USA, Russia, Finland, vaccines 20211214.8700260

COVID-19 update (345): animal, mink, Finland, preventive vaccination 20211011.8698981

COVID-19 update (57): animal China (Hong Kong) dog, OIE 20210210.8182259

2020

COVID-19 update (330): China (Hong Kong) animal, cat, OIE 20200724.7609215

COVID-19 update (312): China, SARS-CoV2 origin, animal reservoir, WHO mission 20200711.7565035

COVID-19 update (166): China (Hong Kong) animal, cat, OIE, resolved 20200508.7314521

COVID-19 update (76): China (HU) animal, cat, owned, stray, seropositive 20200403.7179946

COVID-19 update (75): China (Hong Kong) animal, cat, OIE 20200403.7179945

COVID-19 update (70): China (Hong Kong) animal, cat, pets & stock 20200402.7173286

COVID-19 update (58): Belgium, animal, cat, clinical case, RFI 20200327.7151215

COVID-19 update (56): China (Hong Kong) animal, dog, final serology positive 20200326.7146438

COVID-19 update (50): China (Hong Kong) animal, dog, 2nd case PCR positive, OIE 20200323.7129951

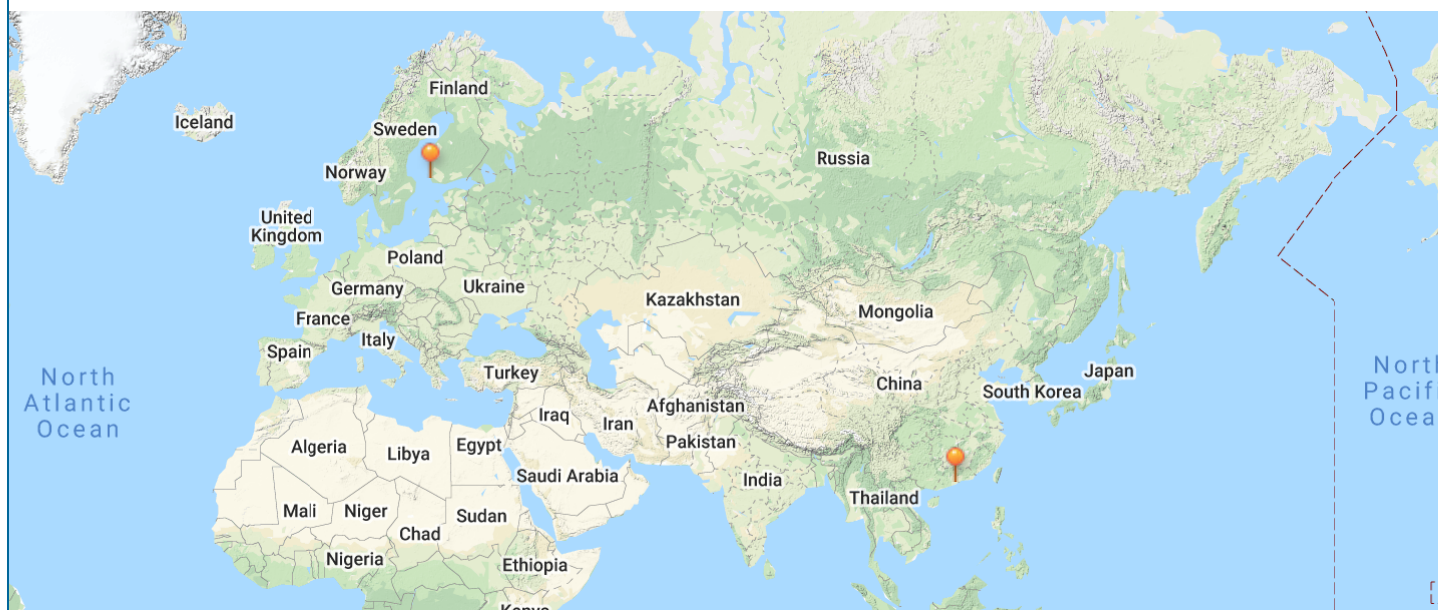
COVID-19 update (45): China (Hong Kong) animal, dog, 2nd case PCR positive 20200319.7112693

COVID-19 update (37): China (Hong Kong) animal, dog, prelim. serology negative 20200312.7081842

COVID-19 update (30): China (Hong Kong) animal, dog, susp, serology pending 20200306.7057595

.....crd/tw/jh

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