Switzerland - SARS-CoV-2 in animals (Inf. with) - Follow up report 15

COUNTRY/TERRITORY OR ZONE

GENERAL INFORMATION

COUNTRY/TERRITORY

DISEASE

SARS-CoV-2 in animals (Inf. with) REASON FOR NOTIFICATION

Emerging disease

END DATE

ANIMAL TYPE TERRESTRIAL

CAUSAL AGENT SARS-CoV-2

SELF-DECLARATION

DATE OF LAST OCCURRENCE

DISEASE CATEGORY

Emerging

GENOTYPE / SEROTYPE / SUBTYPE

CONFIRMATION DATE

2021/09/09

EVENT ID

3521

START DATE 2021/01/21

EVENT STATUS

On-going

REPORT INFORMATION

REPORT NUMBER Follow-up report 15

REPORT STATUS

REPORT ID FUR 157092

NO EVOLUTION REPORT

REPORT REFERENCE

ZH_VS_COVID_Fox

REPORT DATE 2022/09/21

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

• Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

ZH_COVID_1_Fox: This case concerning a fox in captivity (Vulpes vulpes) was detected in the frame of a research project on routine samples from animals which are tested on SARS-CoV-2. The project is in the responsibility of the Clinical Laboratory of the Vetsuisse Faculty (VSF) of the University of Zurich (UZH). VS_COVID_1_Fox: This case concerning a wild fox (Vulpes vulpes)in a was detected in the framework of a research project in Swiss wildlife. The project is under the responsibility of the Institute for Fish and Wildlife Health (FIWI), Vetsuisse Faculty, University of Bern, and the Clinical Laboratory, Vetsuisse Faculty, University of Zurich (UZH), Switzerland.

DISEASE IMPACT

ZOONOTIC POTENTIAL

Zoonotic potential under investigation.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	d Slaughtered/Killed for commercial use	Vaccinated
Cats (DOMESTIC)	NEW	-	-	-	-	-	-
	TOTAL	40	27	0	0	0	0
Dogs (DOMESTIC)	NEW	-	-	-	-	-	-
	TOTAL	17	16	0	0	0	0
Red Fox (WILD)	NEW	4	2	1	3	0	0
	TOTAL	4	2	1	3	0	0
All species	NEW	4	2	1	3	0	0

DIAGNOSTIC DETAILS

CLINICAL SIGNS

reaction (RT-PCR)

METHOD OF DIAGNOSTIC Diagnostic test

Test name	Laboratory	Species sampled	Outbreaks	First result date	Last result date	Result
Enzyme-linked immunosorbent assay (ELISA)	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Red Fox	1	2022/09/09	2022/09/09	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Red Fox	1	2022/07/28	2022/07/28	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Institute for virology and immunology IVI, Bern	Cats,Dogs	28	2021/01/24	2022/08/15	Positive
Reverse transcription-polymerase chain	Institute of Virology and Immunology (IVI)	Cats.Dogs	28	2021/01/24	2022/05/18	Positive

Cats,Dogs

2021/01/24

2022/05/18

Positive

CONTROL MEASURES AT EVENT LEVEL

DOMESTIC ANIMALS CONTROL MEASURES AT EVENT LEVEL WILD ANIMALS

Quarantine Applied

Institute of Virology and Immunology (IVI)