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Submission service:

<https://www.animal-disease-testing.service.gov.uk>

28/amd	APHA Ref. No.	28-B0023-04-22
	Date Received	06/04/2022
Submission details as supplied by the customer	Sender's Ref.	W/22/13
Other for AI	Previous Ref	Not Given
	Owner	Not Given
	CPHH	Not Given
	Date of Sampling	05/04/2022
	Case Vet	██████████
	Species / Breed	Kite / Red Kite
	Sex / Age	Unknown / Unknown
CC: wjis@fera.co.uk ; wildlifediseases@apha.gov.uk	Samples	Animal Presented Dead x 1
	Sub. Reason	Project (VLA or Other)

REPORT 1 (PRELIMINARY)

The test result applies to the sample as received. A sub-sample of the item may have been tested where appropriate.

Wildlife Incident Investigation Scheme - APHA Report on samples received and examination performed.
Regional incident N° W/22/13.

HISTORY

The red kite was found unwell on 03/04/22. It was frothing at the mouth and found under some undergrowth in woodland owned by the reporter. By the time the reporter returned with a box to put the bird in, it had died.

Location was ██████████ map ref SN25██████. The bird was collected on 05/04 and delivered to APHA Carmarthen VIC by TopSpeed on 06/04.

Samples were taken for Avian Influenza testing, and no Influenza viral RNA was detected. On receipt of results, a postmortem examination was performed on 22/04.

GENERAL OBSERVATIONS

Identification	Sex	Body Condition	Degree of Autolysis	Submitted Live/Dead/Frozen
Red Kite	F	Good	Moderate	Dead

EXTERNAL OBSERVATIONS

The bird was received within a black bag containing a tied red bag, hessian bag and clear recycling bag. W/22/13. There was no ring.

The charge for this laboratory work is **£0.00** plus VAT if applicable. This will be included in your monthly statement.

Service Charge Code(s):

Additional Service Code(s) performed: TC0575 x 1, TC0616 x 1, TC0691 x 2, TC0873 x 2

‡ - Test subcontracted; opinions given and interpretations of the result are outside the scope of UKAS accreditation.

† - Not UKAS accredited; opinions given and interpretations of the result are outside the scope of UKAS accreditation.

§ - Accredited under Flexible Scope.

For further details of the test methods used, and other terms and conditions, please refer to the APHA Website.



NECROPSY FINDINGS

Abdominal Cavity: There were multiple pale foci throughout the liver between 1 and 3mm diameter.

Alimentary system: Gizzard contents were grey paste with some small bones. Small intestinal content was liquid and there were 6 worms ranging from 2cm to 6cm long throughout the small intestine.

Respiratory system: There was a grey green exudate proximally in the trachea.

Nervous system: Brain was extremely autolysed.

LABORATORY FINDINGS

Virology

Sample	Influenza PCR Overall Result
red kite (OS, CS)	No Influenza A viral RNA detected

Parasitology

Test	red kite (Parasite)
Parasite Identification(†)	Porrocaecum

COMMENTS

The female red kite was in good body condition and had recently eaten.

There were multiple worms up to 6cm long in the duodenum, identified as *Porrocaecum* sp. which are very common in birds of prey. The two main species (*P. angusticole* and *P. depressum*) are difficult to differentiate. The pathogenicity largely depends on the size and number of individuals found in the gastro-intestinal tract of the host. Usually, *Porrocaecum* inhabits the duodenum. In large numbers, the helminths can fully or partly block the lumen of the intestine and sometimes penetrate the intestinal wall and can be found in the coelom or body cavity.

Once fixed, liver will be submitted for histopathology to further investigate the pale foci.

Please let us know if you would like samples to be submitted for toxicology.

██████████ BSc GPCert(FAP) MRCVS
Veterinary Investigation Officer
25/04/2022

Free carcase collection service, for pre agreed Post Mortems that are of Surveillance value, is available in England & Wales - to check if this service is available in your area please go to:
<http://apha.defra.gov.uk/postcode/pme.asp>

Tell us what you think of APHA's laboratory testing and post mortem services and take part in our customer satisfaction survey. The survey is available in English and Welsh here:
https://defragroup.eu.qualtrics.com/jfe/form/SV_cugSVwY8ektZqzb