



Our Ref: ATIC3008

[Redacted]

{By Email}

17 February 2023

Dear [Redacted]

PROVISION OF REQUESTED INFORMATION

Thank you for your request for information about Leptospirosis categories, which the Animal and Plant Health Agency (APHA) received on 10 February 2023. Your request has been handled under the Freedom of Information Act (FOIA) 2000.

The information you requested and the response is detailed below:

"I understand that some types of Lepto are a sub category of other Lepto types. Strains, serovars, etc. Perhaps under an FOI if necessary.

I wonder if someone could classify or index the correct types that are found in dogs. I understand that APHA has confirmed the following strains in the UK and wonder which are strains and which are a wider group of strains."

	L. Australis
	L. Autumnalis
	L. Ballum
	L. Bataviae
	L. Bratislava
	L. Canicola
	L. Copenhagenii
	L. Grippothyphosa
	L. Hardjo bovis
	L. Hardjo prajitno

	L. Hebdomadis
	L. Icterohaemorrhagiae
	L. Javanica
	L. Mini
	L. mozdok
	L. Pomona
	L. Sejroe
	L. Tarassovi
	L. Zanoni

“

The table below includes serogroups and reference strains of the 19 serovars we test here at APHA:

Serogroup	UK recommended Reference Strain	Serovar
Canicola	Hond Utrecht V	canicola
Icterohaemorrhagiae	RGA	icterohaemorrhagiae
Icterohaemorrhagiae	Wijnberg	copenhageni
Ballum	Mus 127	ballum
Pomona	Pomona 5621	mozdok
Pomona	Pomona	pomona
Grippotyphosa	Moskva V	grippotyphosa
Tarassovi	Perepelicin	tarassovi
Australis	Ballico	australis
Australis	Jez brat	bratislava
Autumnalis	Akiyami A	autumnalis
Hebdomadis	Hebdomadis	hebdomadis
Mini	Sari	mini
Sejroe	M24	sejroe
Bataviae	Swart	bataviae
Pyrogenes	Pyrogenes	zanoni

Javanica	Valrabad	javanica
Sejroe	Hardjo prajitno	hardjo-prajitno
Sejroe	New Haw	hardjo-bovis

The most common serovars that we test for dogs in the UK are:

canicola
icterohaemorrhagiae
copenhageni
pomona
grippityphosa
australis
bratislava
autumnalis
sejroe

Section 16 Help and Advice

The FOIA requires APHA to provide advice and assistance on requests for information, for example.

Amsterdam UMC is the world reference laboratory for leptospirosis. Their website is a useful source of information and contains a list of up to 300 leptospira strains:

[Leptospirosis Reference Centre :: Leptospirosis Reference Centre \(amsterdamumc.org\)](http://amsterdamumc.org)

Information disclosed in response to this FOI request is releasable to the public. In keeping with the spirit and effect of the FOI and the government's Transparency Agenda, this letter and the information disclosed to you may be placed on GOV.UK, together with any related information that will provide a key to its wider context. No information identifying you will be placed on the GOV.UK website.

An Annex is attached which explains the copyright that applies to the information being released to you and contact details should you be unhappy with the service you have received.

If you have any queries about this letter, please contact the Access to Information Team at the email address below or postal address at the top of this letter.

Yours sincerely

ACCESS TO INFORMATION TEAM

Email: enquiries@apha.gov.uk

Annex

Copyright

The information supplied to you continues to be protected by copyright. You are free to use it for your own purposes, including for private study and non-commercial research, and for any other purpose authorised by an exception in current copyright law. Documents (except photographs or logos) can also be used in the UK without requiring permission for the purposes of news reporting. Any other re-use, for example commercial publication, would require the permission of the copyright holder.

Most documents produced by APHA will be protected by Crown Copyright. Most Crown copyright information can be re-used under the [Open Government Licence](#). For information about the OGL and about re-using Crown Copyright information please see [The National Archives website](#).

Copyright in other documents may rest with a third party. For information about obtaining permission from a third party see the [Intellectual Property Office's website](#).

Complaints

If you are unhappy with the service you have received in relation to your request, you may make a complaint or appeal against our decision under section 17(7) of the FOIA or under regulation 11 of the EIRs, as applicable, within 40 working days of the date of this letter. Please write to the Access to Information Manager at the address at the top of this letter or email enquiries@apha.gov.uk and the team will arrange for an internal review of your case.

If you are not content with the outcome of the internal review, section 50 of the FOIA and regulation 18 of the EIRs gives you the right to apply directly to the Information Commissioner's Office (ICO) for a decision. Please note that generally the ICO cannot make a decision unless you have first exhausted APHA's own complaints procedure. The ICO can be contacted at:

Information Commissioner's Office
Wycliffe House
Water Lane
Wilmslow
Cheshire
SK9 5AF

If you need to contact the ICO, it's best to do so online. Please click [here](#) for contact details. You can also call them on 0303 123 1113.