

**Supplementary Table 1:** Signalment, clinical findings, cPLI values in dogs with histopathologically diagnosed normal or minimally changed pancreas (group 1, n=40)

No.	Breed	Age	Sex	Clinical history	Tentative clinical diagnosis	Final diagnosis	cPLI (µg/L)	Sample size (cm)	Histological diagnosis pancreas
1	Cairn Terrier	1	FN	diarrhoea	GI disease	enteritis	5.0	0.3x0.3x0.3	normal
2	Australian Shepherd	1	M	convulsions, nystagmus	intoxication	epilepsy after intoxication	5.4	Complete pancreas p.m.	normal
3	Beagle	11	M	severe jaundice	liver tumour	mucocele of gall bladder	5.5	1.0x1.0x1.0	+ nod. hyp.
4	Griffon	9	M	vomiting, painful abdomen	GI disease	hepatitis and peritonitis	8.4	0.5x0.5x0.5	+ nod. hyp.
5	Boerboel	1	M	jaundice	shunt	intestinal lymphoma	8.6	0.8x0.2x0.2	++ bleeding
6	Mix	9	M	vomiting, weight loss	GI disease	intestinal carcinoma	9.1	0.3x0.3x0.3	normal
7	Labrador	1	F	diarrhoea	GI disease	enteritis	10.9	0.5x0.5x0.5	normal
8	JRT	10	M	painful abdomen	GI disease, pancreatitis	enteritis	11.1	1.0x0.4x0.2	normal
9	Labrador	3	M	diarrhoea, vomiting, painful abdomen	intestinal rupture	liver degeneration	12.0	2.0x1.0x0.5 2.0x1.0x1.0	++ nod. hyp.
10	Poodle	7	M	vomiting, diarrhoea	GI disease	enteritis	12.8	0.7x0.6x0.3	+ nod. hyp.
11	Fox Terrier	10	FN	inappetence, Cushing's	tumour with	liver degeneration	14.8	0.8x0.7x0.3	normal

					liver metastases				
12	Collie Mix	6	FN	vomiting, diarrhoea	GI disease	enteritis	15.3	1.0x0.5x0.2 0.2x0.2x0.2	normal
13	Labrador	12	F	vomiting, painful abdomen	GI disease	copper storage disease	21.2	0.6x0.5x0.2	normal
14	Hovawart	9	MN	vomiting, diarrhoea	stomach cancer	gastric carcinoma	22.0	1.0x0.5x0.3	normal
15	Basset	4	M	vomiting, diarrhoea	GI disease	enteritis	22.5	1.0x0.6x0.3	normal
16	American Bulldog	3	M	diarrhoea, weight loss	GI disease	enteritis	32.1	0.8x0.3x0.1	normal
17	Shih Tzu	11	M	elevated liver enzymes	liver tumour	liver degeneration	35.4	0.5x0.5x0.5	normal
18	Labrador	6	FN	vomiting, anaemia	gastric ulcer	gastric ulcer	35.6	0.5x0.3x0.2	normal
19	JRT	12	FN	vomiting, diarrhoea, painful abdomen	GI disease	enteritis	38.9	1.5x0.5x0.2	+ nod. hyp.
20	French Bulldog	4	MN	enlarged abdomen	peritonitis, GI disease	peritonitis	42.6	Complete pancreas p.m.	normal
21	Labrador	8	F	vomiting, enlarged abdomen	hepatopathy	liver cirrhosis	46.0	1.5x0.8x0.5	normal
22	JRT	10	M	diarrhoea	GI disease	enteritis	54.0	0.3x0.3x0.3	normal
23	JRT	2	F	trembling, pain	hepatitis	liver degeneration	54.5	0.5x0.3x0.3	normal
24	Yorkshire Terrier	9	M	bloody diarrhoea	intestinal tumour	intestinal carcinoma	58.1	1.8x1.0x0.4	normal

25	Dachshund	13	FN	diarrhoea, painful abdomen	GI disease	GI disease, liver degeneration	68.0	1.0x0.5x0.3	+ nod. hyp.
26	Yorkshire Terrier	7	FN	vomiting, diarrhoea, painful abdomen	GI disease	liver degeneration	68.1	0.8x0.4x0.3	normal
27	Maltese	8	M	vomiting, painful abdomen	GI disease	leiomyoma, intestinal invagination	71.0	0.7x0.5x0.2 0.5x0.2x0.1	normal
28	Labrador	9	F	hemoperitoneum	ruptured ulcer of intestine	intestinal ulcer	71.4	Complete pancreas p.m.	normal
29	Rottweiler	7	M	vomiting, diarrhoea weight loss	GI disease	enteritis	74.7	0.7x0.5x0.2	normal
30	CKCS	3	FN	vomiting, diarrhoea	GI disease	enteritis	82.8	0.5x0.4x0.3 0.4x0.3x0.2	normal
31	German Shepherd	7	M	severe jaundice, weight loss	liver disease	hepatitis, liver degeneration	89.9	0.6x0.6x0.3	+ nod. hyp.
32	Terrier	6	MN	apathy, painful abdomen	splenitis	splenic haemorrhage, trauma	93.5	0.5x0.3x0.3	+ focal bleeding
33	French Bulldog	4	F	diarrhoea, ascites	liver and GI disease	liver degeneration	97.5	0.6x0.3x0.2	++ nod. hyp.
34	German	10	FN	vomiting, diarrhoea	ileus	enteritis	100.9	0.9x0.4x0.2	+ fibrosis,

	Shepherd								++ nod. hyp.
35	Poodle	14	MN	vomiting	GI disease	enteritis, liver degeneration	110.6	0.6x0.5x0.4	+ nod. hyp.
36	Schapendoes	10	MN	elevated liver values	liver tumour	liver degeneration	127.3	0.5x0.2x0.2	normal
37	Mix	11	FN	vomiting, diarrhoea	GI disease	enteritis, liver degeneration	159.3	1.0x1.0x1.0	normal
38	Elo	6	FN	vomiting	GI disease	gastroenteritis, Helicobacter	183.9	0.3x0.2x0.2 1.0x0.6x0.4	normal
39	Mix	12	MN	inappetence, weight loss, enlarged lymph nodes	lymphoma	intestinal lymphoma	297.4	1.0x0.5x0.5	normal, ducts with congestion of secretion
40	JRT	8	MN	painful abdomen	abdominal tumour	enteritis	>600	1.0x0.5x0.3	normal

Abbreviations: +, mild; ++, moderate; +++, severe; CKCS, Cavalier King Charles Spaniel; F, female; FN, female neutered; GI, gastrointestinal; hyp.,

hyperplasia; JRT, Jack Russel Terrier; M, male; MN, male neutered; No., animal number; nod., nodular; cPLI, canine pancreatic lipase immunoreactivity; p.m.,

post mortem sample