

Supplemental Table 1: Laboratory data from 1,360 critically ill dogs with DGGR-lipase activities at admission within 3x (NL group) and above 3x (HL group) the upper reference limit.

Parameter	n	All dogs	NL group	HL group	P value
Albumin, median (IQR), g/dL [RI: 3.0-4.1]	1,358	2.86 (2.41–3.3)	2.89 (2.45–3.32)	2.7 (2.23–3.14)	<.001
ALT, median (IQR), U/L [RI: 26-126]	1,354	53 (33–108)	51 (32–98)	62 (40–161)	<.001
ALP, median (IQR), U/L [RI: 9-132]	1,355	98 (50–193)	93 (49–177)	138 (64–314)	<.001
Bilirubin, median (IQR), mg/dL [RI: 0-0.2]	1,356	0.1 (0.1–0.2)	0.1 (0.1–0.2)	0.2 (0.1–0.3)	<.001
Creatinine, median (IQR), mg/dL [RI: 0.6-1.3]	1,358	0.7 (0.6–1.1)	0.7 (0.6–1.0)	0.9 (0.6–2.5)	<.001
CRP, median (IQR), mg/L [RI: 0-10.7]	1,358	53.3 (11.3–121.1)	53.6 (11.2–122)	49.5 (11.6–117.4)	.471
gGT, median (IQR), U/L [RI: 0-7]	1,353	4 (2–7)	4 (2–6)	5 (2–11)	<.001
GLDH, median (IQR), U/L [RI: 2-10]	1,349	5 (2–11)	4 (2–10)	7 (3–20)	<.001
Hematocrit, median (IQR), % [RI: 39-57]	1,312	42 (35–49)	43 (36–50)	40 (31–47)	<.001

ALT, alanine aminotransferase; ALP, alkaline phosphatase; CRP, C-reactive protein; gGT, gamma glutamyl transferase; GLDH, glutamate dehydrogenase

Supplemental Table 2: Primary disorders categorized as "others" in Figure 2 in 1,360 critically ill dogs with DGGR-lipase measured at admission (medical conditions with only 1 case each not included)

Medical condition	n	Medical condition	n	Medical condition	n
Open	16	Leishmaniasis	5	Endocarditis	2
Snake bite envenomation	11	Pyothorax	4	Fungal rhinitis	2
Fever of unknown origin	9	Sepsis/SIRS	4	Perineal hernia	2
Megaesophagus	6	Heatstroke	3	Splenic torsion	2
Septic peritonitis	6	Hypoglycemia of Toy breed dogs	3	Splenic thrombosis	2
Vestibular syndrome	6	Vasculitis	3	Tetanus	2

Supplemental Table 3: Laboratory data associated with nonsignificant (NIL) and significant (SIL) increases in DGGR-lipase activities during hospitalization in 345 critically ill dogs

Parameter	n	All dogs	NIL group	SIL group	P value
Number of dogs	345	345	267	78	
Albumin, median (IQR), g/dL [RI: 3.0-4.1]	329	2.55 (2.06–2.94)	2.57 (2.06–2.96)	2.43 (2.07–2.90)	.431
ALT, median (IQR), U/L [RI: 26-126]	319	74 (43–170)	75 (43–176)	74 (48–145)	.910
ALP, median (IQR), U/L [RI: 9-132]	319	172 (90–404)	177 (93–377)	167 (77–454)	.981
Bilirubin, median (IQR), mg/dL [RI: 0-0.2]	322	0.2 (0.1–0.4)	0.2 (0.1–0.3)	0.2 (0.1–1.3)	<.001
Creatinine, median (IQR), mg/dL [RI: 0.6-1.3]	328	0.8 (0.5–1.3)	0.7 (0.5–1.0)	1.7 (0.6–6.0)	<.001
CRP, median (IQR), mg/L [RI: 0-10.7]	323	47.2 (17.8–86.9)	47.7 (18.6–84.8)	41.8 (16.0–90.4)	.741
gGT, median (IQR), U/L [RI: 0-7]	319	5 (3–13)	5 (3–14)	5 (3-12)	.722
GLDH, median (IQR), U/L [RI: 2-10]	319	10 (4–24)	9 (4–24)	10 (4–24)	.847
Hematocrit, median (IQR), % [RI: 39-57]	267	36 (28–43)	38 (30–44)	30 (23–35)	<.001

ALT, alanine aminotransferase; ALP, alkaline phosphatase; CRP, C-reactive protein; gGT, gamma glutamyl transferase; GLDH, glutamate dehydrogenase

Supplemental Table 4: Primary disorders categorized as "others" in Figure 3, in 345 critically ill dogs with repeated DGGR-Lipase measurements (medical conditions with only 1 case each not included)

Medical condition	n	Medical condition	n	Medical condition	n
Intoxication	8	Head trauma	3	Heat stroke	2
Snake bite envenomation	6	Heart failure	3	Leishmaniasis	2
Gastric Dilation Volvulus	5	Open	3	Sepsis/SIRS	2
(Broncho)pneumonia	4	Angiostrongylosis	2	Splenic thrombosis	2
Fever of unknown origin	3	Gastric perforation	2	Wound infection/Abscess	2