

**Table S2**

Age, sex and storage time of bronchoalveolar lavage fluid (BALF) samples and their effect on total bile acid concentrations (TBA) in different groups.

Group	Age (years) median, IQR and range	Sex, female/male (%)	Storage time (days) median, IQR and range	Effect of age, sex and storage time on TBA ( <i>P</i> -values)
CIPF WHWTs (n=27)	10.9, IQR 10.2-13.1 (7.3-13.9)	63/37	2151, IQR 1106-2891 (640-3303)	<i>P</i> =.610, <i>P</i> =.847, <i>P</i> =.243
Healthy WHWTs (n=13)	8.7, IQR 5.4-10.6 (2.8-13.8)	77 /23	2365, IQR 2518-2812 (806-2848)	<sup>a</sup>
BP (n=11)	3.8, IQR 0.8-7.8 (0.7-11.8)	73 /27	1770, IQR 1644-2039 (1417-2046)	<i>P</i> =.401, <i>P</i> =.532, <i>P</i> =.586
IWHs (n=8)	6.1, IQR 3.5-7.0 (1.3-7.8)	63/37	560, IQR 403-819 (366-1178)	<sup>b</sup>
CB (n=13)	9.3, IQR 6.7-10.5 (4.4-13.1)	38/62	1772, IQR 978-2046 (382-2927)	<i>P</i> =.313, <i>P</i> =.956, <i>P</i> =.462
EBP (n=9)	3.3, IQR 1.5-6.8 (1.4-8.4)	44/56	1434, IQR 1152-1927 (1044-2740)	<i>P</i> =.624, <i>P</i> =.638, <i>P</i> =.661
LD (n=19)	7.0, IQR 5.1-10.5 (0.8-19)	42/58	457, IQR 331-661	<i>P</i> =.822,

			(280-2009)	<i>P</i> =.731,
				<i>P</i> =.486
Beagles (n=6)	4.5, IQR 4.3-4.8 (4.5-4.5)	100/0	1976, IQR 1974-1977 (1974-1977)	<sup>b</sup>

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<sup>a</sup>Combined with CIPF WHWTs to form WHWT group

<sup>b</sup>Not analyzed

BP, bacterial pneumonia; CB, chronic bronchitis; CIPF, canine idiopathic pulmonary fibrosis; EBP, eosinophilic bronchopneumopathy; IQR, interquartile range; IWHs, Irish Wolfhounds; LD, laryngeal dysfunction; WHWTs, West Highland White Terriers.