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 479 **Table 5.** Villus height (VH) and villus area (VA) in broiler chicks inoculated with *Salmonella* Enteritidis (SE) or
 480 nutrient broth (Sham) at 14 days post-inoculation (14 dpi) under different dietary treatments: basal diet (DCO), diet
 481 supplemented with postbiotic (PFC) or sanguinarine-based compound (SAN).

VH (μm)	DCO	PFC	SAN	P value
Sham	461.75 \pm 12.3 ^{aB}	567.62 \pm 25.0 ^{aA}	554.18 \pm 11.7 ^{aA}	<0.001
SE	431.80 \pm 11.0 ^{bB}	495.88 \pm 6.2 ^{bA}	458.0 \pm 19.4 ^{bB}	<0.001
<i>p</i> -value	<0.001	0.01	<0.001	
VA (μm)	DCO	PFC	SAN	P value
Sham	0.17 \pm 0.02 ^{aB}	0.30 \pm 0.03 ^{aA}	0.17 \pm 0.01 ^{aB}	<0.001
SE	0.15 \pm 0.01 ^{aB}	0.20 \pm 0.01 ^{bA}	0.16 \pm 0.01 ^{aB}	0.04
<i>p</i> -value	0.06	0.02	0.11	

482 Mean values followed by the same small letters in the columns or capital letters in the row are similar by Tukey test
 483 a 5% probability.

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 486 **Table 6.** Initial weight (g/bird), final weight (g/bird), and weight gain (g/bird) of broiler chicks (1 to 14 days) fed
 487 basal diet (DCO), or diet supplemented with postbiotic (PFC) or sanguinarine-based compound (SAN) and
 488 inoculated with *Salmonella* Enteritidis (SE) or nutrient broth (Sham).

Inoculation	Initial weight (g/bird)	Final weight (g/bird)	Weight gain (g/bird)
Sham	48.50 ± 1.5 ^a	423.42 ± 43.6 ^a	374.91 ± 43.4 ^a
SE	48.39 ± 2.5 ^a	407.27 ± 44.1 ^a	358.89 ± 49.1 ^a
Diet			
DCO	48.37 ± 2.1 ^a	381.65 ± 51.5 ^b	333.27 ± 51.8 ^b
PFC	48.42 ± 1.8 ^a	413.32 ± 51.9 ^{ab}	364.80 ± 50.9 ^{ab}
SAN	48.52 ± 2.2 ^a	451.07 ± 37.3 ^a	402.64 ± 36.0 ^a
p-value			
Inoculation	0.97	0.22	0.21
Diet	0.98	0.04	0.03
Inoculation x Diet	0.90	0.56	0.58

489 Within each factor, means followed by similar letters in the columns are similar by Tukey test a 5% probability.

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