

Table S1. Spearman's coefficients of correlation between ECG measurements and selected electrolyte and acid-base variables in 130 diarrheic calves ≤ 21 days of age.

Variable	K ⁺	K ⁺ /Na ⁺	Na ⁺	Cl ⁻	Ca ²⁺	Mg ²⁺	pH	pCO ₂	HCO ₃ ⁻	BE	AG	Crea
Heart rate	NS	NS	0.26*	NS	NS	0.18*	NS	NS	NS	NS	0.27*	NS
P amplitude	NS	NS	0.19*	NS	0.35**	0.27*	-0.30*	NS	-0.20*	-0.25*	0.24*	NS
R amplitude	NS	NS	NS	NS	0.24*	NS	NS	NS	NS	NS	NS	-0.26*
S amplitude	-0.36**	-0.31**	NS	NS	-0.22*	-0.59**	0.48**	NS	0.40**	0.44**	-0.54**	-0.53**
T amplitude	0.36**	0.36**	NS	NS	0.18*	0.39**	-0.36**	NS	-0.32**	-0.34**	0.45**	0.41**
J amplitude	NS	NS	NS	NS	NS	0.20*	NS	NS	NS	NS	0.20*	0.31**
P duration	-0.18*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PR interval	-0.22*	NS	NS	0.22*	0.18*	NS	-0.27*	-0.34**	-0.31*	-0.31*	NS	NS
QRS duration	0.35**	0.35**	NS	NS	NS	0.51**	-0.42**	-0.23*	-0.39**	-0.41**	0.42**	0.54**
QT interval	-0.20*	NS	NS	NS	NS	NS	NS	-0.25*	-0.17*	NS	NS	NS
QTc Friderica	-0.21*	-0.22*	NS	0.18*	NS	NS	NS	-0.27*	-0.20*	-0.19*	NS	NS
ST duration	-0.42**	-0.41**	NS	0.18*	NS	-0.24*	NS	NS	NS	NS	-0.29*	-0.34**
ST amplitude	NS	NS	NS	NS	NS	0.18*	-0.24*	NS	-0.21*	-0.22*	0.28*	0.22*
ST angle	0.28*	0.28*	NS	NS	NS	0.20*	-0.21*	NS	NS	-0.17*	0.30*	0.21*
JT max	-0.46**	-0.43**	NS	0.20*	NS	-0.30*	NS	-0.17*	NS	NS	-0.33**	-0.36*
JT end	-0.38**	-0.35**	NS	NS	NS	-0.23*	NS	-0.18*	NS	NS	-0.26*	-0.27*
T peakedness index	0.38**	0.35**	NS	NS	0.21*	0.41**	-0.32**	NS	-0.26*	-0.29*	0.45*	0.39**
T to S amplitude ratio	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

NS = not significant, * $P < 0.05$, ** $P < 0.001$.

K⁺/Na⁺, Plasma potassium to sodium ratio; pCO₂, partial pressure of carbon dioxide; BE, Base excess; AG, Anion gap; Crea, Creatinine.