

Supplementary Table S1. Heart rate, ECG waves amplitude, ECG waves duration, and duration of P-R, Q-T and R-R intervals before and after rest in different genders and age groups of Raini goats.

	Number of goats	Before rest											After rest								
		Heart rate	P amplitude	P duration	P-R interval	QRS amplitude	QRS duration	Q-T interval	T amplitude	T duration	R-R interval	Heart rate	P amplitude(mv)	P duration	P-R interval	QRS amplitude	QRS duration	Q-T interval	T amplitude	T duration	R-R interval
		(Beats/min)	(mv)	(Millisec)	(Millisec)	(mv)	(Millisec)	(Millisec)	(mv)	(Millisec)	(Millisec)	(Beats/min)		(Millisec)	(Millisec)	(mv)	(Millisec)	(Millisec)	(mv)	(Millisec)	(Millisec)
All goats	40	108±4.7	1.66±0.07	1.30±0.06	9.08±0.42	8.19±36.9	0.90±0.03	1.43±0.07 b	0.90±0.04	0.72±0.04	14.79±0.61	108.3±4.6	1.65±0.07	1.33±0.06	8.95±0.38	8.09±0.35	0.91±0.03	1.33±0.07 b	0.88±0.04	0.72±0.04	14.75±0.62
Male goats	20	104.5±6.1	1.67±0.10	1.17±0.07 a	8.85±0.39	7.70±0.30	0.85±0.05	1.44±0.11	0.88±0.05	0.76±0.06	15.12±0.85 a	108.4±6.3	1.61±0.11	1.29±0.09 a	9.0±0.46	7.82±0.36	0.88±0.05	1.41±0.11	0.85±0.05	0.76±0.06	14.53±0.77 a
Female goats	20	111.1±7.2b	1.65±0.10	1.42±0.08	9.28±0.72	8.63±0.63	0.94±0.05	1.42±0.10	0.92±0.06	0.68±0.05	14.49±0.88 a	108.1±6.8b	1.68±0.09	1.36±0.08	8.92±0.60	8.34±0.58	0.94±0.05	1.26±0.08	0.92±0.06	0.68±0.05	14.94±0.97a
kids	20	127.36±5.6	1.73±0.09	1.21±0.07	10.07±0.64	8.73±0.57	0.94±0.03	1.5±0.11 b	0.89±0.06	0.7±0.05	12.20±0.55	129.35±7.2	1.73±0.09	1.18±0.06	9.68±0.53	8.42±0.47	0.94±0.03	1.39±0.11 b	0.84±0.05	0.71±0.05	12.27±0.58
adults	20	86.36±3.03	1.58±0.10	1.41±0.08	7.97±0.40	7.58±0.41	0.85±0.07	1.26±0.08	0.91±0.06	0.73±0.06	17.69±0.58	84.6±5.1	1.55±0.11	1.5±0.09	8.14±0.48	7.73±0.53	0.88±0.06	1.26±0.08	0.94±0.07	0.73±0.06	17.53±0.68
G1	21	127.36±5.6a	1.73±0.09	1.21±0.07	10.07±0.64	8.73±0.57	0.94±0.03	1.57±0.11	1.89±0.6	0.71±0.05	12.20±0.55	126.8±5.5 a	1.73±0.09	1.18±0.06	9.68±0.53	8.42±0.47	0.94±0.03	1.39±0.11	0.84±0.05	0.71±0.05	12.27±0.58
G2	9	88.22±5.5a	1.68±0.13	1.25±0.09	7.87±0.76	7.31±0.71	0.75±0.09	1.31±0.16	0.87±0.08	0.68±0.09	17.43±1.0	92.8±4.8 a	1.5±0.18	1.5±0.13	8.12±0.96	7.5±0.83	0.81±0.09	1.31±0.16	0.87±0.08	0.68±0.09	16.45±0.85
G3	10	84.71±3.2a	1.5±0.16	1.55±0.13	8.05±0.41	7.83±0.49	0.94±0.10	1.22±0.08	0.94±0.10	0.77±0.08	17.92±0.71	82.9±4 a	1.61±0.13	1.5±0.14	8.16±0.40	7.94±0.70	0.94±0.10	1.22±0.08	1.0±0.11	0.77±0.08	18.48±0.98

Supplementary Table S2. Configurations of ECG waves in base-apex lead in different genders and age groups of Raini goats before and after rest.

	Number of goats	Before rest						After rest					
		P wave		QRS wave		T wave		P wave		QRS wave		T wave	
		+	-/+	QRS	QS	+	+/-	+	-/+	QRS	QS	+	+/-
All goats	40	40	0	20	20	37	3	37	3	30	10	37	3
Male goats	20	20	0	11	9	19	1	20	20	16	4	19	1
Female goats	20	20	0	9	11	18	2	17	3	14	6	18	2
kids	20	20	0	14	6	20	0	18	12	16	4	18	2
adults	20	20	0	6	14	17	3	19	11	14	6	19	1
G ₁	21	21	0	14	7	21	0	19	2	17	4	19	2
G ₂	9	9	0	1	8	7	2	9	9	8	1	9	0
G ₃	10	10	0	5	5	9	1	9	1	5	5	9	1