Figure 11. Changes in venous plasma SID⁺ during rest (R), six sprints (S1-S6) and recover (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). Increases in Na⁺ and K⁺ largely offset increases in Cl⁻ and La⁻ for both diets with those fed LP having a tendency to maintain higher SID⁺.
Figure 12. Changes in arterial plasma SID⁺ during rest (R), six sprints (S1-S6) and recover (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.).
Figure 13. Changes in venous pCO$_2$ during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). Time points marked with an asterisk are different from resting values ($P < .05$).
Figure 14. Changes in arterial pCO$_2$ during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). Time points marked with an asterisk are different from resting values ($P < .05$).
Figure 15. Changes in venous plasma pH during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). The pH declined rapidly after the first sprint and slowly increased through the remainder of exercise and recovery. Those in the LP group had higher pH values at rest and after the first sprint. Time points marked with an asterisk are different from resting values ($P < .05$).
Figure 16. Changes in arterial plasma pH during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.).
Figure 17. Changes in venous plasma bicarbonate during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). Time points marked with an asterisk are different from resting values ($P < .05$).
Figure 18. Changes in arterial plasma bicarbonate during rest (R), six sprints (S1-S6) and recovery (R1 5 min, R2 10 min., R3 20 min. and R4 30 min.). Time points marked with an asterisk are different from resting values ($P < .05$).