Supplementary Table S2.Effect of litter size (high litter size group = HI; low litter size group = LO) at -3 (-D3), 4 (D4) and 12 (D12) days from parturition on plasma parameters in reproductive rabbit does.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Unit | Group | days from parturition | s.e.m.1 | Level of significance |
|  |  |  | -D3 |  | D4 |  | D12 |  | prolificacy | prolificacy \* time |
| Total cholesterol | (mmol/L) | HI | 0.198 |   | 1.348 |   | 1.031 | 0.102 | ns | ns |
|  |  | LO | 0.167 |  | 1.159 |  | 1.131 |  |  |  |
| Triglycerides | (mmol/L) | HI | 0.280 |   | 0.367 |   | 0.312 | 0.032 | ns | ns |
|  |  | LO | 0.308 |  | 0.418 |  | 0.300 |  |  |  |
| Urea | (mmol/L) | HI | 6.98 |   | 7.54 |   | 7.92 | 0.39 | ns | ns |
|   |  | LO | 7.22 |   | 7.29 |   | 8.03 |  |  |  |
| Aspartate aminotransferase | (U/L) | HI | 37.9 |   | 14.9 |   | 14.6 | 7.7 | ns | ns |
|  |  | LO | 26.6 |  | 15.8 |  | 17.1 |  |  |  |
| γ-glutamyl transpeptidase | (U/L) | HI | 7.01 |   | 8.58 |   | 8.65 | 2.55 | ns | ns |
|   |  | LO | 11.99 |  | 8.51 |   | 8.58 |  |  |  |
| Alkaline phosphatase | (U/L) | HI | 16.32 |   | 15.21 |   | 28.87 | 6.04 | ns | ns |
|  |  | LO | 17.34 |  | 23.46 |  | 21.98 |  |  |  |
| Creatinine | (µmol/L) | HI | 81.7 |   | 72.7 |   | 76.9 | 3.8 | ns | ns |
|  |  | LO | 83.3 |  | 79.6 |  | 81.8 |  |  |  |
| Ca | (mmol/L) | HI | 3.54 |   | 3.93 |   | 3.72 | 0.09 | ns | \* |
|  |  | LO | 3.66 |  | 3.80 |  | 3.60 |  |  |  |
| P | (mmol/L) | HI | 1.251 |   | 0.659 |   | 0.809 | 0.219 | ns | ns |
|  |  | LO | 1.601 |  | 0.817 |  | 0.744 |  |  |  |
| Mg | (mmol/L) | HI | 1.33 |   | 1.14 |   | 1.18 | 0.16 | ns | ns |
|  |  | LO | 1.09 |  | 1.05 |  | 1.11 |  |  |  |
| K | (mmol/L) | HI | 5.91 |   | 5.93 |   | 5.81 | 0.34 | ns | ns |
|  |  | LO | 6.06 |  | 6.05 |  | 5.12 |  |  |  |
| Cl | (mmol/L) | HI | 107.9 |   | 109.0 |   | 109.3 | 1.7 | ns | ns |
|   |  | LO | 105.8 | **\*** | 107.5 |   | 108.8 |  |  |  |
| Zn | (µmol/L) | HI | 14.88 |   | 18.38 |   | 17.75 | 3.82 | ns | ns |
|  |  | LO | 18.11 |  | 16.73 |  | 13.33 |  |  |  |
| Total protein | (g/L) | HI | 51.29 |   | 56.73 |   | 57.22 | 2.71 | ns | \* |
|  |  | LO | 56.85 |  | 56.39 |  | 54.11 |  |  |  |
| Globulin | (g/L) | HI | 17.06 |   | 20.61 |   | 21.30 | 1.95 | ns | \* |
|  |  | LO | 18.90 |  | 19.81 |  | 18.45 |  |  |  |
| Haptoglobin | (g/L) | HI | 2.84 |   | 2.99 |   | 2.41 | 0.68 | ns | ns |
|   |  | LO | 1.77 |   | 2.65 |   | 2.16 |  |  |  |
| Ceruloplasmin | (µmol/L) | HI | 9.98 |   | 6.70 |   | 6.00 | 1.47 | ns | ns |
|   |  | LO | 7.74 |   | 5.97 |   | 4.16 |  |  |  |
| ROMs | (mgH202/100mL) | HI | 25.01 |   | 35.66 |   | 20.59 | 4.64 | ns | ns |
|  |  | LO | 27.22 |  | 33.20 |  | 18.60 |  |  |  |

1 s.e.m: standard error of means.

ROMs = reactive oxygen metabolites.

Statistical significance for the effect of prolificacy and prolificacy\*time were established by using a conventional P value lower of 0.05 (\*) or 0.01 (\*\*).