Effect of litter size on prepartum metabolic and amino acidic profile in rabbit does.

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**Table S1.** Chemical composition of the commercial pelleted diet for lactating does (Fertilap, Purina-Cargill s.r.l., Italy) administered during the study.

|  |  |
| --- | --- |
| Chemical composition | % (on a wet basis) |
| Dry matter | 90.50 |
| Crude protein | 17.20 |
| Fat | 3.60 |
| Crude fibre | 14.80 |
| Ash | 8.17 |
| Calcium | 1.20 |
| Phosphorus | 0.73 |
| Sodium | 0.24 |
| Histidine | 0.41 |
| Isoleucine | 0.72 |
| Leucine | 1.15 |
| Lysine | 0.82 |
| Methionine | 0.33 |
| Phenylalanine | 0.79 |
| Threonine | 0.69 |
| Tryptophan | 0.21 |
| Valine | 0.81 |

**Table S2**: Grouping of amino acids according with their metabolic destination in rabbit does.

|  |  |
| --- | --- |
| metabolic destination | Amino acids |
| Total AA | Asp, Thr, Ser, Asn, Glu, Gln, Pro, Gly, Ala, Val, Met, Ile, Leu, Tyr, Phe, Lys, His, Arg, Trp |
| Branched-chain amino acid | Val, Ile, Leu |
| Essential AA | Thr, Val, Met, Ile, Leu, Phe, Lys, His, Trp |
| Non-essential AA | Asp, Ser, Asn, Glu, Gln, Pro, Gly, Ala, Tyr, Arg |
| Ketogenic AA | Thr, Ile, Leu, Tyr, Phe, Lys, Trp |
| Exclusively ketogenic AA | Leu, Lys |
| Glucogenic AA | Asp, Thr, Ser, Asn, Glu, Gln, Pro, Gly, Ala, Val, Met, Ile, Tyr, Phe, His, Arg, Trp |
| Exclusively glucogenic AA | Asp, Ser, Asn, Glu, Gln, Pro, Gly, Ala, Val, Met, His, Arg |
| Ketogenic and glucogenic AA | Thr, Ile, Tyr, Phe, Trp |

AA: amino acids