

Table S1. Composition of the experimental diets.

	Mg-Free Diet	Control Diet
Contents (%)		
Crude protein	15.8	19.2
Crude fat	7.0	4.1
Crude fibre	5.0	6.1
Crude ash	3.6	5.9
Carbohydrates	66.8	45.0
Calcium	0.6	0.6
Magnesium	-----	0.2
Phosphorous	0.5	0.5
Sodium	0.2	0.2
Potassium	0.6	0.9
Lysine	1.4	8.1
Methionine	0.7	2.7
Met+Cys	1.1	5.9
Energy (kcal/kg)	3930	3227
Kcal% Protein	16	24
Kcal% Fat	16	11
Kcal% Carbohydrates	68	65