

228. IgG colostrum concentration effects on blood serum kids IgG and IgG absorption efficiency

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Forte Majorera newborn goat kids were enrolled in four groups in order to determinate the effects of IgG concentration on IgG blood serum and efficiency of absorption in goat kids. All kids received 4 g of IgG per kg of birth weight, and four IgG colostrum concentrations were tested 20, 40, 60 and 80 mg/ml. Kids received the colostrum in four meals during two days. IgG absorption efficiency was not affected by IgG colostrum concentration and ranged from 9.8 to 6.5 %. No statistical differences were observed in any day tested for IgG blood serum concentration in any IgG colostrum concentration tested. Values of blood serum kids IgG were 10.1, 10.5, 10.1, 8.7 and 8.2 in day 1, 2, 3, 4 and 5.