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Original article

Effects of dietary protein levels and multienzyme supplementation on growth performance and markers of gut health of broilers fed a miscellaneous meal based diet

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Highlights

- A high dietary protein level increased intestinal lesions and harmful bacteria
- Multienzyme supplementation improved intestinal barrier and bacteria equilibrium
- Significant interactions were found on growth and gut health of broilers

Abstract: The current study investigated the effects of dietary protein levels and multienzyme supplementation on the growth performance, subclinical necrotic enteritis, intestinal mucosal barrier and microflora of broilers fed diets containing meals of cottonseeds, rapeseeds, peanuts and sesame. A total of 480 one-day-old male