Enrofloxacin residues in raw, boiled and fried eggs were investigated after administration of its recommended dose (10 mg/kg b.wt./day) orally for or 5 successive days to laying hens. Enrofloxacin residues were detected in albumin of raw eggs of 3 days treated group on the 2nd day of drug administration (0.14±0.01 ug/gm) with maximum concentration on the 1st day post drug withdrawal (0.19±0.01 ug/gm), then disappeared on the 4th day. In the yolk, it was detected on the 1~ day post drug withdrawal (0.13 ug/gm) then disappeared on the 5th day. For 5 days treated group enrofloxacin residues in albumin of raw eggs were detected on the 2nd day of drug medication (0.13 ug/gm) which increased gradually till reached its maximum concentration on the 4th and 5th day of drug administration (0.20 ug/gm), then disappeared on the 4th day post drug...
withdrawal. In the yolk, the residues were detected on the 4th day of drug medication (0.14±0.01 ug/gm) then disappeared on the 5th day post drug withdrawal. The effect of heat on enrofloxacin residues on boiled or fried eggs of the same previous egg samples indicated that, no drug residues could be detected. The fertility% of incubated eggs of 3 and 5 days treated and control groups was 93.3 %, 93.8% and 91.7% respectively during treatment and post treatment.

الموضوع:
Veterinary pharmacology

الموضوع:
chickens

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