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SERUM BIOCHEMICAL MEASUREMENTS OF EGYPTIAN BUFFALOES
FOLLOWING ADMINISTRATION OF ROMPUN AND COMBELEN
(With 2 Tables and 3 Figures)

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SUMMARY

The effect of 0.1 mg/kg. b.w. and 0.3 mg/kg. b.w. of Rompun and Combelen respectively on certain serum enzymatic activities as well as on some vital serum biochemical constituents were investigated in 20 buffaloes with an aim for reaching utmost security for an animal.

INTRODUCTION

Combelen and Rompun have been adequately evaluated to make any claim regarding their practical efficiency particularly in cattle as is known in the favourable reports (KAEMMERER, 1958; STÖBER, 1958; BENTELE, 1959; RITTER, 1959; JOHANNES, 1960; EHLERS et al., 1968; ROSENBERGER et al., 1968; MANGLES, 1969; FESSL, 1970 and HEMPEL, 1970). In previous and some biochemical changes following the administration of Combelen and Rompun have been reported; However, these reports lack the effect of these drugs on the liver parenchyma or other organs.

The aim of this investigation is to study the behaviour of activity of some serum enzymes following the administration of therapeutic doses of Combelen and Rompun. Moreover