

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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بعض الوثائـــق الإصليــة تالفــة



بالرسالة صفحات لم ترد بالإصل

Lipid profile in Rabbits during pregnancy.

A thesis

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By

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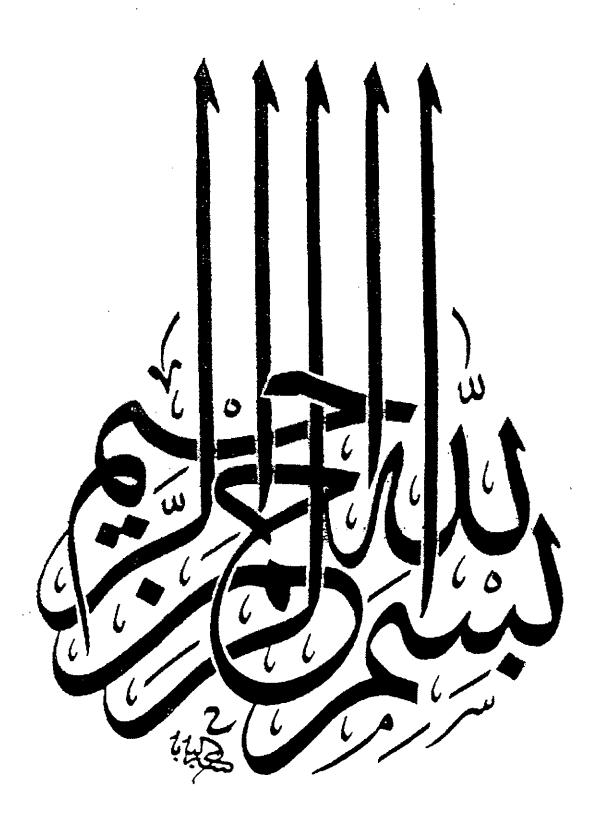
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Approval Sheet

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To my

PARENTS BROTHERS AND MY WIFE

List of abbreviations

1) L.CFAs Long chain fatty acids.

2) ATP adenosine triphosphate.

3) EPL Essential phosphate lipids.

4) HDL-c High density lipoprotein cholesterol

5) LDL-c Low density lipoprotein cholesterol

6) VLDL Very low density lipoprotein cholesterol

7) LPL Lipoprotein lipase

8) NEFA Non esteritfied fatty acid.

9) TSH Thyroid stimulating hormone.

10) CAMP cyclic adenosine mono phosphate.

11) WHHL watanoble heritable hyperlipidemic.

12) NZW New zealand white

INTRODUCTION

Introduction

The domestic rabbits (Oryctolagus umiculus) are very essential to human life for many reasons. They are raised for show, fur, home or commercial meat production, Lab. animal and breading stock.

The space requirements for raising rabbits are minimal, for reason people living in small places can raise rabbits for their consumption.

The raising of rabbits can be satisfying and rewarding experience as was adding to the family income.

Nowadays, stress, air and water pollutions from modern industries and the danger of coronary heart diseases incidence were elevated so the direction to meat free from cholesterol was increase.

Moreover Janieri(1987) reported that ,rabbit meat compared to beef ,chicken,lamb and pork meat, ranks highest in protein and lowest in fat content and calories. Furthermore the meat of rabbit have highly poly unsaturated fatty acids (Roe et al., (1979) and Low cholesterol level (Janieri, 1987).

Pregnancy imposes a large demand upon the female animal Pregnancy and parturition are physiological conditions which may may be accompanied with some alterations in the biochemical constituents of the blood (Soliman et al., 1966).

Since the blood acts as the carrier for nutrients from the pregnant animal to its developing foetus, analysis of blood may

Introduction

reflect the nutritional status for the foetus. It also throws some light upon the food requirements during this critical period of reproduction (EL-Naggar, 1975).

This economic importance lead to direction of many research workers to rabbit biochemical and metabolic changes for raising its industrial production. So the aim of this work is the through some lights on the biochemical changes in lipids during pregnancy in does.

Accordingly, this work was planned to estimate:

- 1. Serum total lipids.
- 2. Triglycerides (triacylglycerol).
- 3. Cholesterol.
- 4. Phospholipids.
- 5. Lipoprotein fractions.
 - I) HDL-c.
 - II) LDL-c.
- 6. Fatty acids.

REVIEW OF LITERATURES