

**EFFECTS OF *Antidesma bunius* (Linn.) Spreng. (BIGNAY)
FRUIT JUICE ON THE BLOOD CHOLESTEROL
LEVEL OF ALBINO RATS**



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**DOMINIQUE Z. SOLITARIA
CHERNABYL C. TIBAYAN**

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ABSTRACT

Blood cholesterol is the soft, waxy material that is found within the bloodstream and as well as in all the cells of the body. It is an essential substance that forms cell membranes and some hormones and other functions. An imbalance in the blood cholesterol level of the body may cause several complications. In order to do so, proper diet and proper lifestyle must be observed. A diet rich in fiber and low in saturated fat must be taken

Antidesma bunioides (Linn.) Spreng. or bignay is a tree that belongs to the family Euphorbiaceae. There are several claims that are being made regarding its medicinal properties. One of them is its ability to affect or help in the maintenance of blood cholesterol level. It has some chemical constituents, calcium, thiamine, riboflavin and niacin, that can be taken into account for being responsible in the regulation of blood cholesterol level. Commercially, bignay is being produced as jam, wine, tea and other products.

As a result of the experiment, the bignay juice treatment made a difference on the blood cholesterol levels of the treated groups of rats as compared to the others that did not receive the treatment. Generally, the experimental groups with the bignay juice treatment had lower cholesterol level readings.

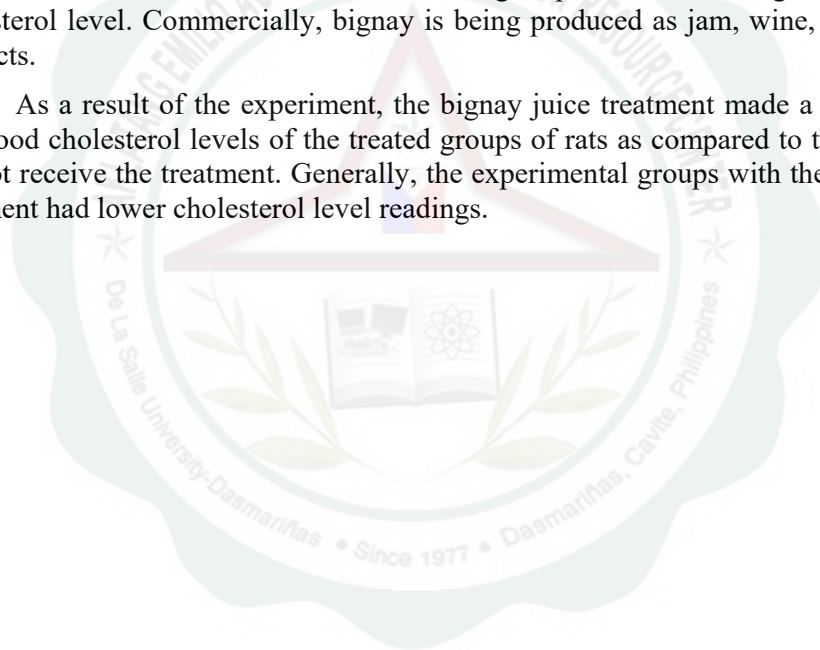


TABLE OF CONTENTS

Title Page	1
Approval Sheet	2
Abstract	3
Acknowledgement	4
Table of Contents	6
List of Tables	9
CHAPTER 1 INTRODUCTION	
1.1 Background of the Study	10
1.2 Conceptual Framework	10
1.3 Statement of the Problem	11
1.4 Hypotheses	11
1.5 Scope and Limitations	12
1.6 Significance of the Study	12
1.7 Definition of Terms	13
CHAPTER 2 LITERATURE REVIEW	
2.1 Conceptual Literature	14

2.2 Related Studies	20
CHAPTER 3 METHODOLOGY	
3.1 Research Design	24
3.2 Research Setting	24
3.3 Research Procedure	24
3.4 Data Gathering and Statistical Analysis	26
CHAPTER 4 RESULTS AND DISCUSSION	
4.1 Results	28
4.2 Discussion	29
CHAPTER 5 SUMMARY, CONCLUSION AND RECOMMENDATIONS	
5.1 Summary	32
5.2 Conclusion	32
5.3 Recommendations	33
Cited References	34
Appendices	37
A. Standard Preparation	38
B. Raw Data	39
C. Photodocumentation	42

D. Curriculum Vitae

48



LIST OF TABLES

Table 4.1 Average blood cholesterol level of groups T ₀ T ₁ and T ₂	28
Table 7.1 Initial Results of Blood Cholesterol Analysis	39
Table 7.2 Final Results of Blood Cholesterol Analysis	39
Table 7.3 Initial Weight of the albino rats	40
Table 7.4 Final Weight of the albino rats	40
Table 7.5 One-way Analysis of Variance of Blood Cholesterol Analysis	41
Table 7.6 Multiple Comparison of Average Blood Cholesterol level using Tukey Method	41