

TABLE OF CONTENTS

DEDICATION PAGE	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS	vi
LIST OF IMAGES	viii
LIST OF TABLES	ix
ABSTRACT	x
INTISARI	xi
INTRODUCTION	1
Background	1
Purpose	3
Benefit	4
LITERATURE REVIEW	5
Snot on Fowl	5
Clinical Sign	6
<i>Avibacterium paragallinarum</i>	7
Growing Characteristics	8
Morphology	10
Virulence Factor	11
Serotype	12
Hemagglutination Test	15
Glutaraldehyde-fixed chicken erythrocyte	15
Hemagglutination-inhibition test	16
Hypothesis	17
MATERIALS AND METHODS	18
Materials	18
Materials	18
Tools and Apparatus	18
Methods	20
Re-identification of <i>Avibacterium paragallinarum</i>	20
Preparation of glutaraldehyde-fixed chicken erythrocyte	23

Antigen preparation	24
Hemagglutination test	24
Hemagglutination-inhibition test	24
RESULTS AND DISCUSSION	26
Re-identification of samples	26
Hemagglutination test	28
Hemagglutination-inhibition test	29
CONCLUSION AND SUGGESTION	33
Conclusion	33
Suggestion	33
REFERENCES	34