

## TABLE OF CONTENTS

SKRIPSI	i
ENDORSEMENT PAGE	ii
PLAGIARISM FREE STATEMENT	iii
DEDICATION PAGE	iv
FOREWORD	v
TABLE OF CONTENTS	vi
LIST OF FIGURE	viii
LIST OF ABBREVIATIONS	ix
INTISARI	ix
ABSTRACT	xi
CHAPTER I	1
Introduction	1
A. Background	1
B. Purpose of this Research	3
C. Benefits of this research	4
CHAPTER II	6
Literature Review	6
A. Status in Indonesia	6
B. Sub-district Sibatani Karangasem Bali	7
C. Transmission Cycle	8
D. Vectors	9
E. Wet Season and Tropical Climate Affect	12
F. Detection	13
G. Prevention	15
H. abbexa® Japanese Encephalitis IgG (JE IgG) ELISA Kit	17
I. abbexa® Principle of the Assay	18
CHAPTER III	20
Materials and Methods	20
A. Time and Place of Research	20
B. Research Materials	20

1. Sample collection	20
2. Tools and materials	21
C. Research Methods	22
1. Sample collection	22
2. Analysing samples using ELISA	24
3. abbexa® JE-IgG ELISA	24
CHAPTER IV	27
Results and Discussion	27
CHAPTER V	30
Conclusion and Recommendation	30
A. Conclusion	30
B. Recommendations	30
REFERENCES	32