

شبكة المعلومات الحامعية

# بسم الله الرحمن الرحيم



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شبكة المعلومات الحامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





ببكة المعلم مات المامعية

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# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

# قسو

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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صدق الله العظيم

سورة البقرة آيه ٣٢

# Screening and Confirmatory methods for detection of Brucellosis in milk of some dairy animals in Behera province

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A thesis Presented

By

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#### قرار لجنــة الحكم و المناقشــة

قامت لجنة الحكم والمناقشة بفحص الرسالة وترى انها اشتملت على بحث هادف و مواضيع لها أهميتها في مجال الرقابة الصحية على الأغذية. كما قامت اللجنة بمناقشة المتقدمة مناقشة مستفيضة ووحدت أنها ملمة الماماً تاماً بكل ما جاء بها.

#### لسد لسسساك

قررت اللجنة ترشيح الأنسة ط، ب/ هناء فنعى فرم للحصول على درجة الماجستيرفي العلوم الطبية البيطرية - تخصص الرقابة الصحية على الألبان و منتجاتها.

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### TO MY MOTHER AND MY FATHER

TO MY SISTER Dr. AFRAH

TO MY SISTERS AND MY BROTHERS

AND FINALLY ALL MEMBERS IN MY FAMILY

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## **List Of Abbreviations**

MRT = Milk Ring Test

WRBPT = Whey Rose Bengal Plate Test

WBAPAT = Whey Buffered Acidified Plate Antigen Test

WRiv.T. = Whey Rivanol Test

ELISA = Enzyme-Linked ImmunoSorbent Assay

Br. = Brucella

TAT = Tube Agglutination Test

RBPT = Rose Bengal Plate Test

IgA = Immunoglobulin A

IgG = Immunoglobulin G

IgM = Immunoglobulin M

PAT = Plate Agglutination Test

CFT = Complement Fixation Test

SAT = Serum Agglutination Test

BAPAT = Buffered Acidified Plate Antigen Test

Riv.T = Rivanol Test

S-LPs = Smooth Lipopolysaccharide

R-LPs = Rough Lipopolysaccharide

S19 = Strain 19

RBT = Rose Bengal Test

Ab = Antibody