

**BABYLON UNIVERSITY
COLLEGE OF PHARMACY**

GRADUATION REPORT

ABOUT :

**PREVALENCE OF TOXOPLASMA
GONDII AMONG WOMEN IN
BABYLON PROVINCE**

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ABSTRACT

Background: Toxoplasmosis is a very common infection caused by the obligate intracellular protozoan parasite. This parasite is called *Toxoplasma gondii* widely distributed around the world. *Toxoplasma gondii* can be vertically transmitted to the fetus during pregnancy and may cause a wide range of clinical manifestations in the offspring.

Objective: To determine seroprevalence of Immunoglobulin G (IgG) and Immunoglobulin M (IgM) to *Toxoplasma gondii* among pregnant women in Babylon province.

Seventy blood samples were collected from pregnant women with spontaneous abortion. The blood samples were processed appropriately and tested for *T. gondii* IgM and IgG using ELISA technique.

Sixty out of seventy samples were diagnosed with toxoplasmosis, we result that is *T. gondii* considers one of the most common causes for abortion in pregnant women.