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**Reactors for Toxoplasma gondii, in beef handlers of municipal slaughterhouses of Córdoba - Colombia, 2012**

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*Abstract:*

**Objective:** To determine the prevalence of reactors to *Toxoplasma gondii* in beef handlers in municipal slaughterhouses of Lorica and Cereté, department of Córdoba. **Materials and methods:** By indirect hemagglutination test (IHA), 63 serologies were carried out to slaughterhouses beef handlers from Lorica and Cereté. The department of Córdoba is located between 09 ° 26' 16" and 07 ° 22' 05" North latitude and 74 ° 47' 43" and 76 ° 30' 01" west longitude. **Results:** Serologic testing revealed a general prevalence of 73,01%, according to serological response to *Toxoplasma gondii*, 46 reactors were divided into three groups: 10 (15.87%) with low titers, 22 (34.92%) with intermediate titers and 14 (22.22%) with high titers. The serological reaction to the degree of risk for infection with *Toxoplasma gondii*, related to the main office of the manipulator in the killing process was 11 (23.91%), 16 (34.78%) and 19 (41.30%) equivalent to grades of risk I, II and III in the 46 seroreactors respectively. The overreaction by time in office corresponded to values of 3 (6.52%) for times less than 4 years, 8 (17.39%) between 4 and 8 years, 14 (30.43%) between 8 and 12 and 21 ( 45.65%) over 12 years. When relating the serology variables: origin, titers, degrees of risk and time in office, there was statistically significant. **Conclusion:** The epidemiological problem of toxoplasmosis is linked to the heteroxene character, low host specificity, the possibility of location in many different organs, infective stage disposal, its resistance to environmental factors and extensive possibilities of infestation, making beef handlers a possible vehicles of these kind of infections.

**Category (Complete):** Clinical Tropical Medicine - Kinetoplastida

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**Keyword (Complete):** *Toxoplasma gondii* ; indirect hemagglutination

**Disclosures (Complete):**

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