Among the most widely used and highly dangerous diseases of animals and humans is toxoplasmosis and chlamydiosis.

Today toxoplasmosis is registered at more than 300 species of mammals and 60 species of birds. Up to 90% of cats in various countries are affected by toxoplasmosis pathogens. Particularly high level of Toxoplasma infection is registered among rodents. In synanthropic foci source of infestation is cattle, sheep, goats, camels, horses, donkeys, pigs, carnivores, ducks, geese, turkeys, guinea fowl, parrots and other animals.

Chlamydiosis – infection of ocular, nasal and upper respiratory tract infections in cats. It should be noted that the development of ocular infections is dominant. Typically, acute, chronic or repeated conjunctivitis were observed in animals infected with the agent, but occasionally there were upper respiratory tract.

Diagnosis for the presence of toxoplasmosis and chlamydiosis pathogens in the blood serum of cats with different clinical manifestations of infection was performed using ImunoKomb test-set for IgG antibodies to identify and *Toxoplasma gondii* and *Chlamydophila spp.*, produced by Israel.

ImunoKomb proved highly effective medication, by which the blood serum of cats can simultaneously detect specific antibodies to toxoplasmosis as well as to chlamydiosis.

There was established spread of *Toxoplasma gondii* and *Chlamydophila spp.* pathogens among cats with different clinical signs of infection.

The results of cats blood serum studies for detection of specific antibodies to the causative agent of toxoplasmosis and chlamydiosis are shown in the article. ImunoKomb test-set was used for IgG antibodies detection to *Toxoplasma gondii* and *Chlamydophila spp.* of cats, produced by Israel. Specific antibodies to toxoplasmosis
and chlamydiosis pathogens in the blood serum of clinically sick cats were found out. The test-set was effective for the diagnosis of lifetime toxoplasmosis and cats chlamydia.

**Keywords:** CATS, CHLAMYDIOSIS, TOXOPLASMOSIS, DIAGNOSIS, BLOOD SERUM, IMUNOKOMB TEST-SET.