

Augsburg, 17 May 2017

May 2017

Now available at ArminLabs: TickPlex

Dear Sir or Madam

To further improve our diagnostics of *Borrelia burgdorferi* and other chronic infections, we are glad to be able to offer TickPlex as of now.

TickPlex allows for the simultaneous determination of multiple pathogens in the complexity of tick-borne infections with a high sensitivity of ca. 95% and a specificity of 98%.

TickPlex enables us to determine the antibodies against the co-pathogens *Ehrlichia*, *Bartonella*, *Rickettsia* and *Babesia* as an ELISA in contrast to all IFT assay methods that have been available so far.

A higher sensitivity and especially a higher specificity is generally expected for an ELISA in comparison to a IFT.

TickPlex detects IgM and IgG antibodies of various bacterial and viral pathogens at the same time.

The therapist always has to evaluate the results of the TickPlex within the context of the clinical symptoms and differential diagnoses of the patient.

For the determination of the cellular pathogen activity, the EliSpot test is available for different bacteria and viruses.

Consequently, TickPlex as an antibody test can be a valuable diagnostic tool when it is combined with the tests of the cellular immune response via EliSpot and the CD3-/CD57+ cells.

Material: 1 ml serum

Yours sincerely

Your team at ArminLabs

