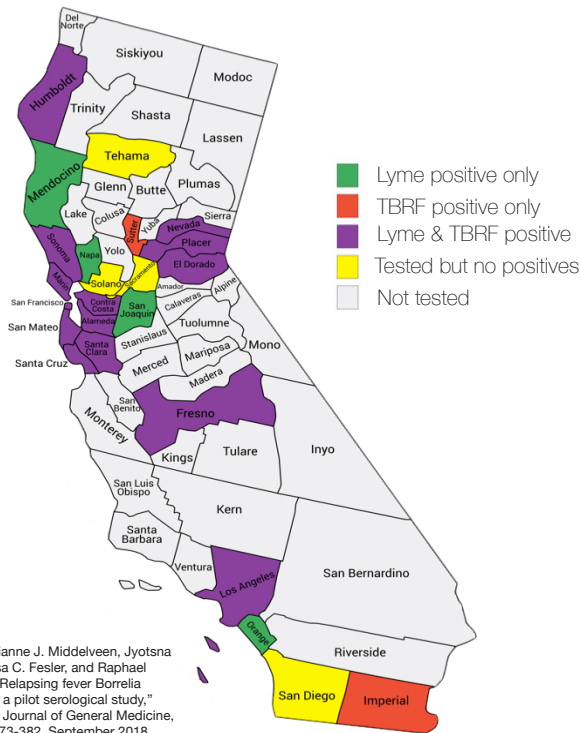




Are you testing for one of the most prominent Tick-Borne diseases in California?



Source: Marianne J. Middelveen, Jyotsna Shah, Melissa C. Feiler, and Raphael B. Stricker, "Relapsing fever *Borrelia* in California: a pilot serological study," International Journal of General Medicine, Volume 11:373-382, September 2018

TICK-BORNE RELAPSING FEVER

Tick-Borne Relapsing Fever (TBRF) is a very common Tick Borne disease in California, affecting nearly as many people as Lyme disease. Some of the *Borrelia* that cause TBRF are transmitted by the same ticks that transmit *B. burgdorferi*, the causative agent of Lyme disease. Both TBRF and Lyme sufferers display many similar symptoms, leading to misdiagnosis. Therefore, it is important to test for both TBRF and Lyme. The IGeneX Borreliosis panels offer combined Lyme and TBRF testing.

IGeneX's TBRF Immunoblot tests for all the major strains of the TBRF *Borrelia*, including *B. hermsii*, *B. miyamotoi*, *B. turicatae*, *B. texasensis*, *B. coriaceae*, and *B. parkerii*. The ticks that may transmit Borreliosis also carry other diseases, known collectively as co-infections. IGeneX offers testing for most of these co-infections, and is currently the only lab to offer multi-species *Bartonella* Western Blots.

DISEASE EXPOSURE ACROSS WESTERN US

The map to the right shows a geographical distribution of the seven tick-borne diseases: TBRF, Lyme Disease, Babesia, Bartonella, Rickettsia, Human Monocytic Ehrlichiosis (HME), and Human Granulocytic Anaplasmosis (HGA). The data is based on the residency of IGeneX patients, and not necessarily where the patient contracted the disease. The data is not representative of actual prevalence rates.

