

"Igenex Western Blot Break Down by band:

"9: cross-reactive for Borrelia

"12: specific for Bb

"18: highly specific to Lyme (Many LLMD's say if this band alone is positive, you have lyme - see link above)

"20: cross-reactive for Borrellia

"21: unknown

"22: specific for Bb, probably really the 23/25 band

"23-25: outer surface protein C (OspC), specific for Bb

"28: unknown

"30: unknown; probably an outer surface protein; [common](#) in European and one California strain - Has cross-reactivity with several different types of viruses

"31: outer surface protein A (OspA), specific for Bb

"34: outer surface protein B (OspB; specific for Bb)

"35: specific for Bb

"37: specific for Bb

"38: cross-reactive for Bb

"39: is a major protein of Bb flagellin; specific for Bb

"41: flagellin protein of all spirochetes; this is usually the first to appear after a spirochete infection but is NOT specific to Lyme (i.e, other spirochete diseases have flagellas - see link above "Western Blot Made Easy" for more info)

"45: cross-reactive for all Borellia

"50: cross-reactive for all Borrellia

"55: cross-reactive for all Borrellia

"57: cross-reactive for all Borrellia

"58: unknown but may be a heat-shock Bb protein

"60: cross reactive for all Borrellia

"66: cross-reactive for all Borrelia, common in all bacteria

"83: specific antigen for the Lyme bacterium, probably a cytoplasmic membrane

"93: unknown, probably the same protein in band 83, just migrates differently in some [patients](#)[/b]

"An IgM positive test result means more recent & likely currently active infection. IgG positive means previous exposure to the bacteria or older infection of Lyme. If no symptoms are present with IgG positive, it may mean an 'inactive' LD infection. No matter the results, please remember LD is a clinical diagnosis, you can have a negative test and still have Lyme Disease and the co-infections, even through the best labs. If you have symptoms, you need treatment."

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