

💡 Western Blot Bands description

Quoting ticker:

Western Blot Bands description:

9 cross-reactive for Borrellia

12 specific for Bb

18 unknown

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

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 Bb infection and is specific for all Borrellia

45 cross-reactive for all Borrellia (sometimes people with Lyme who have this band positive also have the co-infection Ehrlichiosis)

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 Borrellia, 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