

North Carolina Babesiosis Surveillance Case Classification Algorithm

Refer to [NC CD Manual Babesiosis Case Definition](#) for detailed information

Qualifying Babesiosis laboratory tests that require investigation						
Lab Test		Organism				
		Babesia microti	Babesia divergens	Babesia duncani	Babesia spp.	Babesia organisms
Confirmatory Labs	Light microscopy in Giemsa, Wright or Wright-Giemsa-stained blood smear					X
	DNA in whole blood specimen by polymerase chain reaction (PCR)	X				
	Genomic sequences in a whole blood specimen by nucleic acid amplification				X	
	Whole blood specimen by animal inoculation					X
Supportive labs	IFA total antibody or IgG antibody titer of greater than or equal to (≥) 1:256	X	X			
	Immunoblot IgG positive result	X				
	IFA total antibody or IgG antibody titer of greater than or equal to (≥) 1:512			X		
	IFA total antibody or IgG antibody titer ≥1:64 in <u>epidemiologically linked blood donors or recipients only</u>	X				

