

- * *C. pseudotuberculosis* SHI titers less than 1:8 are not considered significant. Titers may indicate active infection or historic exposure.

In small ruminants, *C. pseudotuberculosis* titers of 1:8 occur with similar frequency in animals with and without active infection and may represent early infection or historic exposure. Titers 1:16-1:32 occur 4 times more often in animals with active infection (vs. those without infection), and titers 1:64->=1:256 occur 8.5 times more often in animals with active infection (vs. those without).

In horses, titers 1:8-1:128 are typically seen in animals with historic infection with or exposure to *C. pseudotuberculosis*, with external infection, or in the early stages of infection. Titers >=1:256 may be seen with active infection (external, internal) or exposure to the organism. In the absence of external abscesses, and with other indicators of chronic inflammation (such as high WBC, high globulin, others), titers >1:512 are associated with internal abscess formation.

M. paratuberculosis (Johne's Disease) Antibody ELISA

- * In cattle, *Mycobacterium paratuberculosis* (Johne's disease) ELISA test results are interpreted as negative if less than or equal to 0.450, suspect if greater than 0.450 but less than 0.550, and positive if greater than or equal to 0.550. At the 0.550 cutoff, test sensitivity and specificity are estimated at 68% and 99%, respectively, in cattle.

In sheep and goats, *Mycobacterium paratuberculosis* (Johne's disease) ELISA test results are interpreted as negative if less than or equal to 0.100, suspect if greater than 0.100 but less than 0.300, and positive if greater than or equal to 0.300. At the 0.300 cutoff, test sensitivity and specificity are estimated at 51% and 95%, respectively, in small ruminants.

Brucella (*B. melitensis*) 3% Rose Bengal antibody test

Animal/Source	Specimen	Specimen Type	Results
1	(1) Higgs Boson	Clotted Blood	Negative
1	(2) Red Hot Saracha	Clotted Blood	Negative
1	(3) Pistol Pete	Clotted Blood	Negative
1	(4) Caped Crusader	Clotted Blood	Negative
1	(5) Valedictorian	Clotted Blood	Negative
1	(6) Belle Noche	Clotted Blood	Negative
1	(7) Bisou	Clotted Blood	Negative
1	(8) Darlin	Clotted Blood	Negative
1	(9) Designer	Clotted Blood	Negative
1	(10) Ginger	Clotted Blood	Negative
1	(11) Hippie	Clotted Blood	Negative
1	(12) Kiss & Tell	Clotted Blood	Negative
1	(13) Spanish	Clotted Blood	Negative
1	(14) White Lies	Clotted Blood	Negative
1	(15) Material	Clotted Blood	Negative
1	(16) Melody	Clotted Blood	Negative
1	(17) Dew Lee	Clotted Blood	Negative
1	(18) Butterfly	Clotted Blood	Negative
1	(19) Ginger Ale	Clotted Blood	Negative
1	(20) Honeymoon	Clotted Blood	Negative
1	(21) Love Note	Clotted Blood	Negative
1	(22) Contessa	Clotted Blood	Negative

1	(23) Time	Clotted Blood	Negative
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Caprine arthritis encephalitis / ovine progressive pneumonia antibody cELISA

Animal/Source	Specimen	Specimen Type	Results
1	(1) Higgs Boson	Clotted Blood	Neg
1	(2) Red Hot Saracha	Clotted Blood	Neg
1	(3) Pistol Pete	Clotted Blood	Neg
1	(4) Caped Crusader	Clotted Blood	Neg
1	(5) Valedictorian	Clotted Blood	Neg
1	(6) Belle Noche	Clotted Blood	Neg
1	(7) Bisou	Clotted Blood	Neg
1	(8) Darlin	Clotted Blood	Neg
1	(9) Designer	Clotted Blood	Neg
1	(10) Ginger	Clotted Blood	Neg
1	(11) Hippie	Clotted Blood	Neg
1	(12) Kiss & Tell	Clotted Blood	Neg
1	(13) Spanish	Clotted Blood	Neg
1	(14) White Lies	Clotted Blood	Neg
1	(15) Material	Clotted Blood	Neg
1	(16) Melody	Clotted Blood	Neg
1	(17) Dew Lee	Clotted Blood	Neg
1	(18) Butterfly	Clotted Blood	Neg
1	(19) Ginger Ale	Clotted Blood	Neg
1	(20) Honeymoon	Clotted Blood	Neg
1	(21) Love Note	Clotted Blood	Neg
1	(22) Contessa	Clotted Blood	Neg
1	(23) Time	Clotted Blood	Neg

Corynebacterium pseudotuberculosis antibody - SHI

Animal/Source	Specimen	Specimen Type	Results
1	(1) Higgs Boson	Clotted Blood	Neg @1:8
1	(2) Red Hot Saracha	Clotted Blood	Neg @1:8
1	(3) Pistol Pete	Clotted Blood	Neg @1:8
1	(4) Caped Crusader	Clotted Blood	Neg @1:8
1	(5) Valedictorian	Clotted Blood	Neg @1:8
1	(6) Belle Noche	Clotted Blood	Neg @1:8
1	(7) Bisou	Clotted Blood	Neg @1:8
1	(8) Darlin	Clotted Blood	Neg @1:8

1	(9) Designer	Clotted Blood	Neg @1:8
1	(10) Ginger	Clotted Blood	Neg @1:8
1	(11) Hippie	Clotted Blood	Neg @1:8
1	(12) Kiss & Tell	Clotted Blood	Neg @1:8
1	(13) Spanish	Clotted Blood	Neg @1:8
1	(14) White Lies	Clotted Blood	Neg @1:8
1	(15) Material	Clotted Blood	Neg @1:8
1	(16) Melody	Clotted Blood	Neg @1:8
1	(17) Dew Lee	Clotted Blood	Neg @1:8
1	(18) Butterfly	Clotted Blood	Neg @1:8
1	(19) Ginger Ale	Clotted Blood	Neg @1:8
1	(20) Honeymoon	Clotted Blood	Neg @1:8
1	(21) Love Note	Clotted Blood	Neg @1:8
1	(22) Contessa	Clotted Blood	Neg @1:8
1	(23) Time	Clotted Blood	Neg @1:8

M. paratuberculosis (Johnes Disease) Antibody ELISA

Animal/Source	Specimen	Specimen Type	Results
1	(1) Higgs Boson	Clotted Blood	0.00
1	(2) Red Hot Saracha	Clotted Blood	0.00
1	(3) Pistol Pete	Clotted Blood	0.00
1	(4) Caped Crusader	Clotted Blood	0.005
1	(5) Valedictorian	Clotted Blood	0.00
1	(6) Belle Noche	Clotted Blood	0.006
1	(7) Bisou	Clotted Blood	0.009
1	(8) Darlin	Clotted Blood	0.004
1	(9) Designer	Clotted Blood	0.00
1	(10) Ginger	Clotted Blood	0.00
1	(11) Hippie	Clotted Blood	0.003
1	(12) Kiss & Tell	Clotted Blood	0.01
1	(13) Spanish	Clotted Blood	0.00
1	(14) White Lies	Clotted Blood	0.005
1	(15) Material	Clotted Blood	0.007
1	(16) Melody	Clotted Blood	0.001
1	(17) Dew Lee	Clotted Blood	0.00
1	(18) Butterfly	Clotted Blood	0.00
1	(19) Ginger Ale	Clotted Blood	0.009
1	(20) Honeymoon	Clotted Blood	0.00