



Ohio Administrative Code

Rule 901:1-5-01 Definition of "brucellosis test".

Effective: July 17, 2026

(A) As used in regulations 901:1-5-01 through 901:1-5-09.

(1) "Brucellosis test" means one of the following approved tests conducted by an approved laboratory or by the laboratory operated by the department of agriculture:

(a) Standard tube agglutination test;

(b) Buffered acidified plate antigen test;

(c) Complement fixation test; or

(d) Fluorescent polarization assay.

(2) "Approved laboratory" means a laboratory that maintains current United States department of agriculture (USDA) animal and plant health inspection service (APHIS) approval for testing *Brucella abortus*. Approved laboratories are listed at <https://www.aphis.usda.gov/labs/approved-testing-labs>. The list is also available upon request from the national veterinary services laboratories (NVSL) if the link breaks due to USDA website changes.

(3) "Chief" means the chief of the division of animal health within the Ohio department of agriculture as described in section 941.02 of the Revised Code.

(B) The department may classify animals as positive based upon any one of the following test results:

	Not Official Brucellosis Vaccinate	Official Brucellosis Vaccinate
Rivanol	+ 1/25	+1/25
Complement fixation	+ 1/20	+ 1/40

(C) The department shall classify any animal from which a *Brucella* sp. organism is isolated by bacteriological techniques as positive regardless of brucellosis test results or brucellosis vaccination status.

(D) The department may reclassify positive animals to suspect pending further tests and examination.

(E) Swine and herds of swine shall be classified as follows:

(1) "Positive" swine means:



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- (a) Any swine disclosing a complete agglutination reaction in the blood titer dilution of 1:100 or higher;
- (b) Any swine in an infected herd or herd of unknown status having a complete reaction in the 1:25 dilution or higher; or
- (c) Any swine disclosing a positive card test reaction.

(2) "Negative" swine means:

- (a) Any swine from an infected herd or herd of unknown status that:
 - (i) Discloses no reaction or less than complete agglutination in the blood titer dilution of 1:25; or
 - (ii) Discloses a negative card test reaction;
- (b) Any swine from a validated or negative herd that:
 - (i) Discloses no reaction or less than complete agglutination in the blood titer dilution of 1:100; or
 - (ii) Discloses a negative card test reaction.

(3) "Suspect" swine means any swine not classed as positive or negative to a brucellosis test.

(4) "Infected herd" means any herd in which one or more swine show:

- (a) A complete agglutination reaction in the blood titer dilution of 1:100 or higher; or
- (b) A positive reaction to the card test.

(5) "Negative herd" means any herd in which no swine:

- (a) Have agglutination reactions higher than incomplete at the 1:100 dilution; or
- (b) Are found positive to the card test.

(F) Swine classed as positive or suspect shall be officially identified as approved by the department.

(G) No person shall move swine classified as positive, suspect, or exposed to brucellosis, without prior written permission from the department.