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**ANIMAL HEALTH DIAGNOSTIC CENTER**

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**Final Report**

Accession Number: 20833-08

**PARATUBERCULOSIS RESULTS**

Johne's AGID

28-FEB-08

ANIMAL ITEM	ANIMAL ID	SPECIES	Result
1	PRETENDER TOO	Caprine	Negative
2	RAMONA	Caprine	Negative
3	T REX	Caprine	Negative
4	BRUTUS	Caprine	Negative
5	WAYNE FRINK	Caprine	Negative
6	ABOVE STANDARD	Caprine	Negative
7	NIGHT HAWK	Caprine	Negative
8	WELLINGTON	Caprine	Negative
9	TWIX	Caprine	Negative
10	TEKLA	Caprine	Negative
11	WATER	Caprine	Negative
12	JOSIE	Caprine	Negative
13	BL1656 409	Caprine	Negative
14	ECLIPSE	Caprine	Negative
15	LADYBUG	Caprine	Negative
16	SARCELLE	Caprine	Negative
17	WHISPER	Caprine	Negative
18	SRM 117	Caprine	Negative
19	SKY	Caprine	Negative
20	TRILLIUM	Caprine	Negative
21	VICTORY	Caprine	Negative
22	TRILLY	Caprine	Negative
23	SERENA	Caprine	Negative
24	VIVECA	Caprine	Negative
25	XYLIA	Caprine	Negative

**Johne's AGID Interpretation:**

The Johne's AGID test is of low sensitivity (average 20-30%) and high specificity (>99%). It is common for infected animals to remain negative on the AGID test until their infection has progressed to an advanced stage. Therefore, a negative test result does not rule out infection, but a negative test result is unlikely (<15%) in an animal with clinical signs related to *M. paratuberculosis* infection. A positive test result is generally an indication of advanced subclinical or clinical infection. Other mycobacterial infections (uncommon) can occasionally cause (usually transient) cross reactivity on AGID. Segregation of the suspect animal and repeat testing at an interval of 10-12 weeks is recommended if test results are not in line with the clinical picture or herd status.

Fecal culture or tissue culture at necropsy is recommended to obtain definitive evidence of infection in the herd or individual animals displaying elevated serology results, or whenever significant decisions are to be made based on Johne's test positive status.