ZOOLOGIX

Molecular diagnostic testing for animals.

☒ **E-mail to:** info@tripleffarmsresearch.com

☐ **Hard copy to:**

Date results transmitted: 20oct26

Assay Results Report **26101504**

Client: Triple F Farms LLC	Client #: 1312121
Contact name: Sarah Fallenstein	PO #: per Sarah
Date samples received: 15oct26	

Initials _ ___

Client sample ID	Zoologix accession ID	Sample type	Assay	Assay result
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0006	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0035	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0040	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0045	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0094	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0095	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0096	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0097	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	B0098	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	P0008	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	P0053	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	S0077	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	S0118	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	S0130	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	S0185	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	X0002	**Negative**
Barn 13	2610150007	Swabs (3 fecal, 3 oral & 1 skin)	X0017	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0006	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0035	**Negative**

Client sample ID	Zoologix accession ID	Sample type	Assay	Assay result
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0040	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0045	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0094	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0095	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0096	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0097	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	B0098	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	P0008	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	P0053	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	S0077	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	S0118	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	S0130	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	S0185	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	X0002	**Negative**
Barn 14	2610150008	Swabs (3 fecal, 3 oral & 1 skin)	X0017	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0006	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0035	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0040	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0045	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0094	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0095	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0096	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0097	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	B0098	**Negative**

Client sample ID	Zoologix accession ID	Sample type	Assay	Assay result
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	P0008	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	P0053	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	S0077	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	S0118	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	S0130	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	S0185	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	X0002	**Negative**
Barn 15	2610150009	Swabs (3 fecal, 3 oral & 1 skin)	X0017	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0006	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0035	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0040	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0045	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0094	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0095	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0096	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0097	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	B0098	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	P0008	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	P0053	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	S0077	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	S0118	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	S0130	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	S0185	**Negative**
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	X0002	**Negative**

Client sample ID	Zoologix accession ID	Sample type	Assay	Assay result
Barn 16	2610150010	Swabs (3 fecal, 3 oral & 1 skin)	X0017	**Negative**

Assay descriptions and notes

Assay B0006: Qualitative screen for Campylobacter by ultrasensitive real time PCR. Assay detects but does not differentiate *Campylobacter jejuni, C. coli* and *C. lari*.

Assay B0035: Ultrasensitive qualitative detection of *Lawsonia intracellularis* by real time PCR

Assay B0040: Ultrasensitive qualitative detection of *Salmonella* by real time PCR

Assay B0045: Ultrasensitive qualitative detection of *Pasteurella multocida* by real time PCR

Assay B0094: Ultrasensitive qualitative detection of *Staphylococcus xylosus* by real time PCR

Assay B0095: Ultrasensitive qualitative detection of *Staphylococcus aureus* by real time PCR

Assay B0096: Ultrasensitive qualitative detection of *Mycoplasma mustelae* by real time PCR

Assay B0097: Ultrasensitive qualitative detection of *Helicobacter mustelae* by real time PCR

Assay B0098: Ultrasensitive qualitative detection of *Streptococcus* (including beta hemolytic groups B/C/G and *Strep pneumoniae*) by real time PCR

Assay P0008: Ultrasensitive *Cryptosporidium* species screen by real time PCR. This assay detects but does not differentiate *Cryptosporidium* species.

Panel P0053: Ringworm panel: ultrasensitive qualitative detection and differentiation of *Microsporum* and *Trichophyton*, common causes of ringworm in dogs and cats, by real time PCR.

Assay S0077: Ultrasensitive qualitative detection of influenza virus by reverse transcription coupled real time PCR. This assay detects but does not differentiate most known strains of influenza A viruses, including H5N1, H5N2, H1N1, H2N2, H3N8, H4N6, H7N7, H8N4 and H9N2.

Assay S0118: Ultrasensitive qualitative detection of Aleutian disease virus by real time PCR

Assay S0130: Ultrasensitive qualitative rotavirus screen by reverse transcription coupled real time PCR. Assay detects but does not differentiate many common strains of rotavirus.

Assay S0185: Ultrasensitive detection of ferret respiratory enteric coronavirus by reverse transcription coupled real time PCR

Assay X0002: Ultrasensitive qualitative detection of *Toxoplasma gondii* by real time PCR

Assay X0017: Ultrasensitive qualitative detection of *Giardia* by real time PCR

Zoologix has verified the performance characteristics of these tests. However, diagnosis and management of the animal patient should not rely solely upon the results of these tests, as unusual genetic variations of the pathogen can affect results. Correlation with other clinical data is recommended. Specimens will be held for six months by Zoologix to facilitate followup testing, after which time specimens will be disposed of at the discretion of Zoologix unless otherwise directed by client.