

Table S1. Pig Tests - Parallel interpretation for Higher Sensitivity.

	TB-free		TB-positive	
	% Specificity (n=402)		% Sensitivity (n=29)	
	%	%	%	95% CI
IDEXX/DPP VetTB	99.0	98.0-100	82.8	69.0-96.5
IDEXX/PPD ELISA	98.3	97.0-99.6	72.4	56.1-88.7
IDEXX/Enferplex	98.5	97.3-99.7	86.2	73.6-98.8
DPP VetTB/PPD ELISA	99.0	98.0-100	82.8	69.0-96.5
Enferplex/DPP VetTB	99.3	98.5-100	93.1	83.9-100
Enferplex/PPD ELISA	98.5	97.3-99.7	86.2	73.6-98.8

Table S2. Pig Tests - Serial interpretation for Higher Specificity.

	TB-free		TB-positive	
	% Specificity (n=402)		% Sensitivity (n=29)	
	%	95% CI	%	95% CI
IDEXX/DPP VetTB	100		72.4	56.1-88.7
IDEXX/PPD ELISA	99.8	99.4-100	62.1	44.4-79.8
IDEXX/Enferplex	99.8	99.4-100	72.4	56.1-88.7
DPP VetTB/PPD ELISA	100		62.1	44.4-79.8
Enferplex/DPP VetTB	100		75.9	60.3-91.5
Enferplex/PPD ELISA	99.8	99.4-100	62.1	44.4-79.8

Table S3. Deer Tests - Parallel interpretation for Higher Sensitivity.

Parallel – High Se	TB-free		Farmed TB-positive		Park/Wild TB-positive	
	% Specificity (n=410)		% Sensitivity (n=77)		% Sensitivity (n=105)	
Combined Tests:	%	95% CI	%	95% CI	%	95% CI
IDEXX/DPP VetTB	98.3	97-99.6	83.1	74.7-91.5	60	50.6-69.4
IDEXX/PPD ELISA	98.05	96.7-99.4	84.4	76.3-92.5	56.2	46.7-65.7
IDEXX/Enferplex	98.8	97.7-99.9	88.3	81.1-95.5	59	49.6-68.4
DPP VetTB/PPD ELISA	98.05	96.7-99.4	88.3	81.1-95.5	60	50.8-69.4
Enferplex/DPP VetTB	98.54	97.4-99.7	91	84.6-97.4	61	51.7-70.3
Enferplex/PPD ELISA	98.8	97.7-99.9	88.3	81.1-95.5	57.1	47.6-66.7

Table S4. Deer Tests - Serial interpretation for Higher Specificity.

Serial – High Se	TB-free		Farmed TB-positive		Park/Wild TB-positive	
	% Specificity (n=402?)		% Sensitivity (n=77)		% Sensitivity (n=105)	
Combined Tests:	%	95% CI	%	95% CI	%	95% CI
IDEXX/DPP VetTB	99.76	99.3-100	71.4	60.9-81.1	53.3	43.8-62.8
IDEXX/PPD ELISA	100		74	64.2-83.8	50.5	40.9-60.1
IDEXX/Enferplex	99.76	99.3-100	75.3	65.7-84.9	52.4	42.8-62
DPP VetTB/PPD ELISA	100		68.8	58.5-79.1	48.6	39-58.2
Enferplex/DPP VetTB	100		72.7	62.7-82.7	53.3	43.8-62.8
Enferplex/PPD ELISA	99.76	99.3-100	77.9	68.6-87.2	50.5	40.9-60.1