















Validation data for pan-reactive LFD

• Sensitivity data generated for archived clinical samples

		Sensitivity			
	ELISA		1F10 (gold-particle)		
Virus serotype	Fraction	%	Fraction	%	
FMDV type O	121/126	96	119/129	92.2	
FMDV type A	32/41	78	36/41	87.8	
FMDV type C	14/24	58.3	15/24	62.5	
FMDV type SAT 1	13/24	54.2	16/24	66.7	
FMDV type SAT 2	28/32	87.5	18/32	56.3	
FMDV type SAT 3	9/10	90	7/10	70	
FMDV type Asia 1	36/40	90	39/40	97.5	
Total	253/297	85.2	250/300	83.3	
Ferris et al – J. Virol. Methods					















FMDV detection by rRT-PCR vs RT-LAMP						
Location	Spp	Number Tested	rRT-PCR Positive	RT-LAMP positive		
Tanzania - Katavi	Buffalo Cattle	31 30	15 3	18 5		
Malawi - Lengwe	Buffalo Cattle	30 30	4 0	9 3		
Mozambique - Morromeu	Buffalo Cattle	29 29	7 2	14 5		
Total		179	31 (17.3%)	54 (30.2%)		
Note: The Ct values ranged from $26.20 - 40.25$ Ct values ≤ 32 were regarded as FMDV genome positive						





