



C. ROC Summary

ELISA Test	Sp, Se [95%CI] & cut-off	AUC [95%CI] P value
SARS-CoV-2-N ELISA	Sp. 97.8% [93.6-99.5]	0.8672 [0.8176- P<0.0001
	Se. 55.3% [44.1-66.1]	
	Cut-off >0.215	
	Sp. 100% [97.3-100]	
Whole Antigen ELISA	Se. 49.4% [38.4-60.5]	
	Cut-off > 0.401	
	Sp. 97.8% [93.8-99.6]	0.9193 [0.874-0.965]
	Se. 57.7% [46.5-68.3]	P<0.0001
	Cut-off >0.49	
	Sp. 100% [97.4-100]	
	Se. 54.1% [43-65]	

Figure S1. Receiver operating characteristic (ROC) analyses of the Whole Antigen ELISA and the IDVET ELISA. **(A)** ROC analysis results using the single sample UoS PCR+ samples ($n=85$) as the positive cohort, and the APHA controls ($n=138$) as the negative cohort. **(C)** Area Under the Curve as a measure of test discrimination (with 0.5 representing no significant discrimination, 0.8-0.9 excellent and 0.9-1.0 outstanding)

Table S1. ELISA test-positivity and VNT-positivity for the initial entry sample of 103 UHS PCR-positive COVID patients.

	SARS-CoV-2-N ELISA		Whole Antigen ELISA	
	Positive	% Positive	Positive	% Positive
VNT-positive (n=55)	47	85	38	69
VNT-negative (n=48)	12	22	22	46
Total (n=103)	59	60	60	58