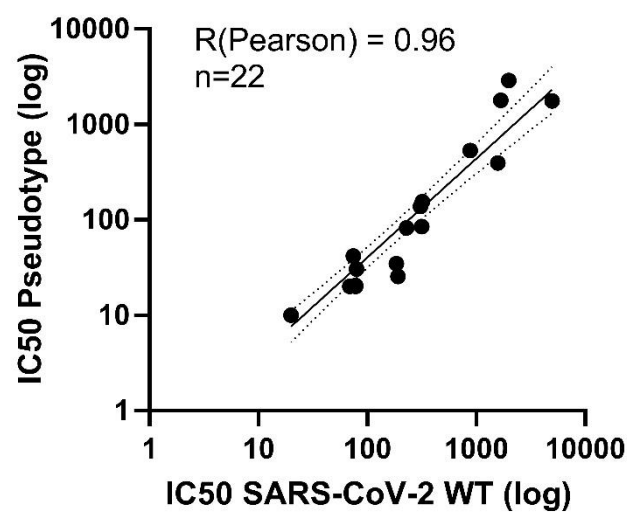
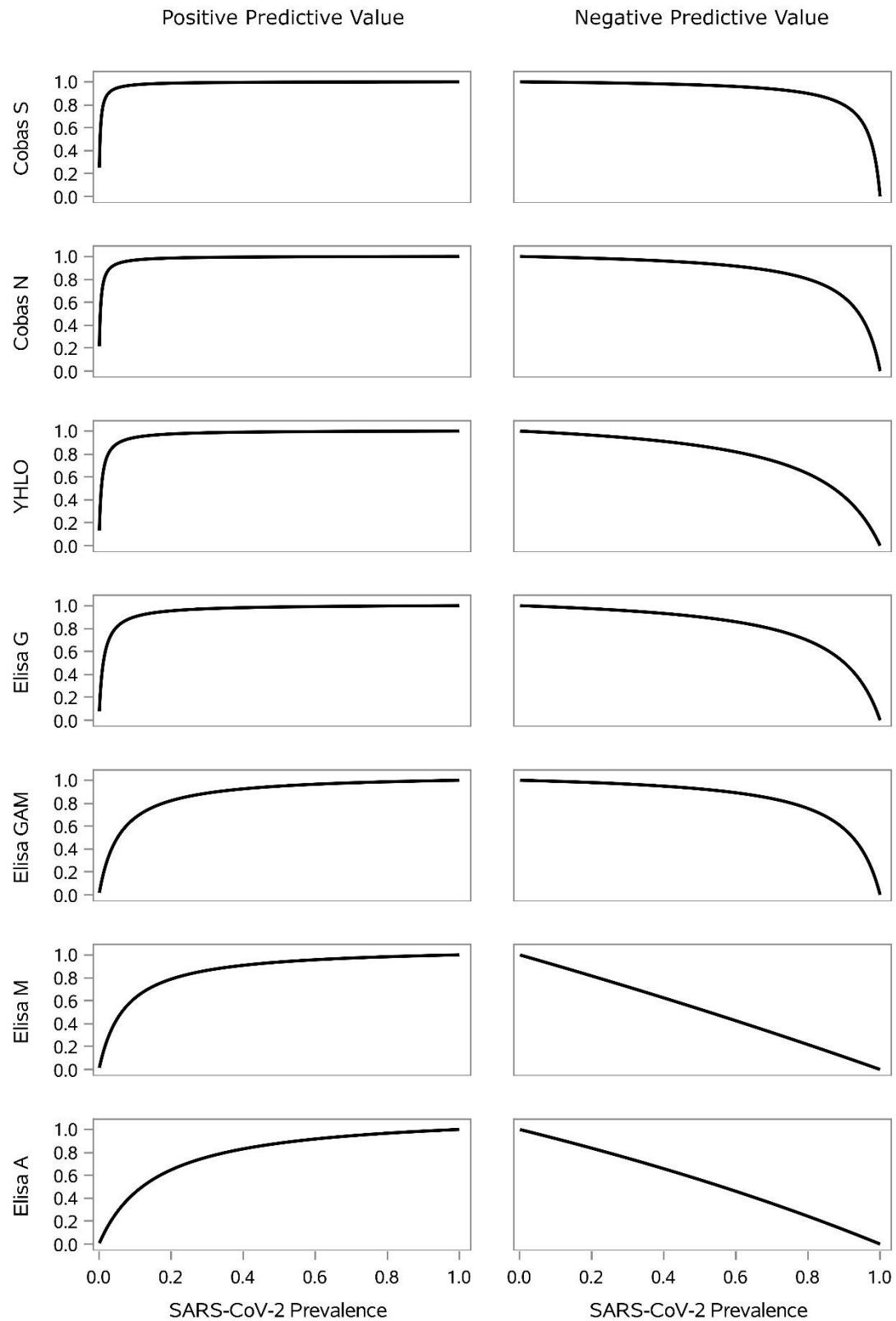


**Correlation
VSV-Pseudotype vs. SARS-CoV-2 WT
Neutralization**



Supplementary Figure S1. Correlation of VSV pseudoviral versus SARS-CoV-2 neutralization (as described in (1)) for $n = 22$ sera (Pearson $R=0.96$).



Supplementary Figure S2. Model of positive and negative predictive values of each serological assay with respect to seroprevalence.

Supplementary Table S1. Spearmans rank-correlation coefficients of serological assays and neutralization, within in all tests (ELISA_G, COBAS_N, COBA_S; YHLO; Neutralization) positive population (n = 310) to quantify general monotonous connection with 95% CI. (Further experimental inclusion constraints: COBAS_S ≤ 2500; ELISA_G ≤ 15; Neutralization IC₅₀ ≤ 2560)

Spearman 95% CI	COBAS_S (log)	COBAS_N (log)	Elisa_G (lin)	YHLO (log)	Neutra- lization (log)
COBAS_S (log)					
COBAS_N (log)	0.3667 0.2692; 0.4641				
Elisa_G (lin)	0.7714 0.7136; 0.8291	0.4256 0.3316; 0.5196			
YHLO (log)	0.4903 0.4036; 0.5770	0.7323 0.6764; 0.7882	0.5772 0.4988; 0.6555		
Neutra- lization (log)	0.5300 0.4451; 0.6148	0.3028 0.2039; 0.4017	0.6592 0.5872; 0.7312	0.4658 0.3760; 0.5555	