

## Assessment of Accuracy, Analytical and Clinical Validity of Lab Testing

## **Laboratory Request for Information**

We are interested in evaluating the following tests for clinical use in our practice:

Ш	Serology Testing	
	• Sensitivity	
	• Specificity	
	Coefficient of Variation	
	Viral RNA Testing	
	• Sensitivity	

## Please provide information on the clinical validation with each test:

- Where are you obtaining the kits or reagents to do your testing?
- What are the control samples? Are you using clinical samples as opposed to 'spiked' (i.e., artificial) samples?
- Are you using confirmed SARS-CoV-2 positive samples, and if so, how and when was this confirmed?
- If an antibody test, when was the sample collected in relation to a positive viral RNA test?
- What are the demographics of the clinical test population?
- Did the positive test population have symptoms in addition to a positive PCR test?
- Were pre-pandemic samples used in the negative test group?
- Did the assay evaluate samples that had exposure to other respiratory viruses such as influenza and RSV, as well as other coronaviruses, to determine cross reactivity and specificity?
- How many samples were used in the validation?
- Are you doing progressive validation studies after the test is released?

Thank you for your prompt attention to this matter.