

Study Samples	Outpatient			Inpatient/Challenge Unit																Outpatient									
	Screening	Check-in	Post-Challenge																	Phone Calls									
Visit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20-23	24	25	26	27	28	29	30	31	
Day	-30	-1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17-20	21	28	35	42	56	84	180	365	
Study Intervention and samples																													
Challenge			X																										
Nasopharyngeal aspirates (NPA)	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X				
Nasal washes (NW)	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X				
Blood/Serum		X	+4-6 hours	X	X		X	X		X			X					X				X	X	X	X	X	X	X	
Blood Innate/Adaptive Immune Response (IR)		X	+4-6 hours	X		X		X		X			X					X				X							
Blood/PBMC		X	+4-6 hours	X		X		X		X			X					X				X	X	X	X	X	X	X	
T-OMICS		X	+4-6 hours	X	X		X			X								X					X						
Urine		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
Saliva		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	