

Hai Kang COVID19 detection kits for sample pooling

Testing sample pools of size n where one of the sample is COVID19-positive

C/Tech SARS-CoV-2 RT-PCR (Cat. # C02-01-1180-100)

Total sample number (n)	Method	Results of pooled specimens (%)		
		Negative	Inconclusive	Positive
5	RT-PCR	0	0	100
10	RT-PCR	0	0	100
20	RT-PCR	0	0	100

Total sample number (n): number of samples in pool; Results of pooled specimens: percentage of pools that were negative, inconclusive or positive

Pooling was done after extraction of nucleic acid

Hai Kang COVID19 detection kits for sample pooling

Testing sample pools of size n where one of the sample is COVID19-positive in random, blind tests using 30 positive and 30 negative pooled samples

C/Tech SARS-CoV-2 RT-PCR (Cat. # C02-01-1180-100)

Pooled Test Result (Pool 4)	Individual Specimen Result	
	Positive	Negative
Positive	30	0
Negative	0	30

PPA: 100%; NPA: 100%

Pooled Test Result (Pool 10)	Individual Specimen Result	
	Positive	Negative
Positive	30	0
Negative	0	30

PPA: 100%; NPA: 100%

Pooling was done prior to extraction of nucleic acid

Hai Kang COVID19 detection kits for sample pooling

Testing sample pools of size n where one of the sample is COVID19-positive

C/Tech SARS-CoV-2 ERT-PCR (Cat. # C02-01-1181-100)

Total sample number (n)	Method	Results of pooled specimens (%)		
		Negative	Inconclusive	Positive
5	ERT-PCR	0	0	100
10	ERT-PCR	0	0	100
20	ERT-PCR	0	0	100

Total sample number (n): number of samples in pool; Results of pooled specimens: percentage of pools that were negative, inconclusive or positive

Pooling was done after extraction of nucleic acid

Hai Kang COVID19 detection kits for sample pooling

Efficiency of pooling demonstrated using only negative clinical specimens

Negative pools with fixed number of samples

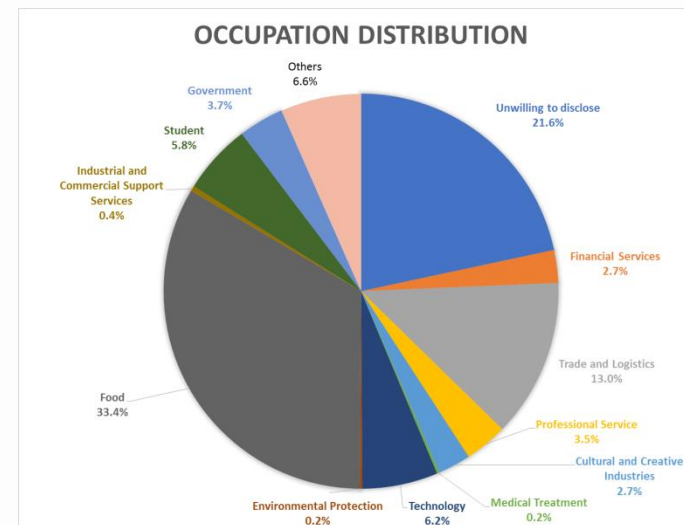
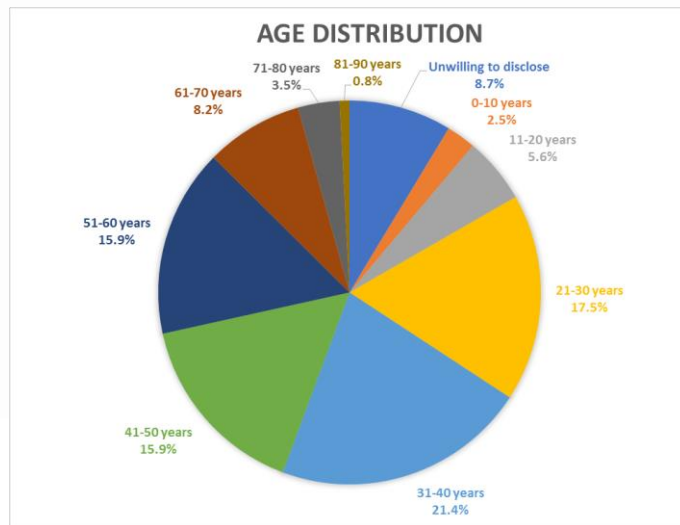
Number of pooled specimens	Results of pooled specimens (%)		
	Negative	Inconclusive	Positive
4	100	0	0
10	100	0	0

C/Tech SARS-CoV-2 ERT-PCR (Cat. # C02-01-1181-100)

Negative pools grouped by workplace

Number of pooled specimens	Results of pooled specimens (%)		
	Negative	Inconclusive	Positive
6	100	0	0
8	100	0	0
9	100	0	0
12	100	0	0

C/Tech SARS-CoV-2 ERT-PCR (Cat. # C02-01-1181-100)



Age range and occupation of 485 volunteers in pooling study