


VALIDATION		Doc #	VALSUMMARY – Eurofins KY – 0001
		Revision	1.0
	Sponsor: Concentric by Ginkgo	Effective	2/9/2021
	Contract Lab: Eurofins Genomics, LLC	Author	Vasiliki Tsakraklides

Summary of Results: Eurofins Genomics, LLC SARS-CoV-2 QUANTITATIVE rRT-PCR ASSAY for Swab Pooling

Table 1. Validation of pooling test performance with 25 dry swabs per pool.

Performance metric		Description	Performance
25-Swab Pool	Detection of weak positive swabs in a pool	Percent of swab pools positive at 1,500 copies/mL ¹ (with clinical matrix ²)	40 / 40 = 100%; 95% CI [91.2%-100%]
	Detection of strong positive swabs in a pool	Percent of swab pools positive at 1,000,000 copies/mL ¹ (with clinical matrix ²)	20 / 20 = 100%; 95% CI [83.2%-100%]

¹ Virus used to prepare swab samples: BEI Resources NR-52287, lot # 70039067

² Samples from the same individuals utilized to prepare the contrived samples were confirmed to be negative for the virus in the same experiment (results not shown).