


<b>VALIDATION</b>		<b>Doc #</b>	VALSUMMARY – CMB – 0001
		<b>Revision</b>	1.1
	<b>Sponsor:</b> Concentric by Ginkgo	<b>Effective</b>	1/31/2021
	<b>Contract Lab:</b> CMB Laboratory	<b>Author</b>	Vasiliki Tsakraklides

## Summary of Results: CMB Laboratory TaqPath COVID-19 RT-PCR MultiPlex 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 <sup>1</sup> (with clinical matrix <sup>2</sup> )	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 <sup>1</sup> (with clinical matrix <sup>2</sup> )	20 / 20 = 100%; 95% CI [83.2%-100%]

<sup>1</sup> Virus used to prepare swab samples: BEI Resources NR-52287, lot # 70035888

<sup>2</sup> 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).