

F21-4830 - Polymerase Chain Reaction (PCR) testing Q3

First Assay	Assay Result	Reported as:-
Cepheid	N & E Reactive & Ct <37	SARS Detected
	N & E Non-Reactive	SARS Not Detected
	Either N or E Reactive and / or Ct >37	DO NOT Reported – Second Line assay
BioFire**	2a, 2d, & 2e Reactive	SARS Detected
	2a, 2d, & 2e two of the three targets Reactive	SARS Detected
	2a, 2d & 2e Non-Reactive	SARS Not Detected
	2a, 2d, & 2e one of the three targets Reactive	DO NOT Reported – Second Line assay
TaqPath***	ORF Ct ≤33 & N Ct ≤32 & S any result	SARS Detected
	ORF Ct ≤32 & N Ct ≤33 & S any result	SARS Detected
	ORF Ct ≥32 and ≤37 & N Ct ≥34 and ≤37 & S any result	DO NOT Reported – Second Line assay
	ORF Ct ≥34 and ≤37 & N Ct ≥32 and ≤37 & S any result	
	ORF Ct ≥33 and ≤37 & N Ct ≥33 and ≤37 & S any result	

(\*\*) The BioFire Torch platform does not allow access to the underlying Ct values and only expresses results as Positive, Negative & Indeterminate.

(\*\*\*) TaqPath – Specimens on initial testing which gives an indeterminate result only receive a second assay if they were previously non-reactive or had no previous result.