

#CoronaDetective Budgeting

Hackuarium CH

	catalog	quantity	provider	base cost	total	
Positive control	2019-nCoV_N_P 2019-nCoV_N_P	1	IDT	70	70	https://www.idtdna.com/pages/landing/coronavirus-research-reagents
check about the	LAMP 'turbo' reagent M0374L	8000 units	NEB	280	??	https://international.neb.com/products/m0374-bst-3-0-dna-polymerase
	Isothermal Amp I B0374S				??	
Maybe also color	LAMP Reaction I NEB WarmStart	1	NEB	208	195	https://international.neb.com/products/e1700-warmstart-lamp-kit-dna-rna
?	Molecular Grade 100mL	1		16	16	
	Proteinase K mol P8107S	2ml	NEB	40	40	https://international.neb.com/products/p8107-proteinase-k-molecular-biology-grade#Product%20Information
	MgSO4 (100mM) B1003S	6ml	NEB	23	23	https://international.neb.com/products/b1003-magnesium-sulfate-mgso4-solution#Product%20Information
	dNTPs (10 mM) e N0447L			140	140	https://international.neb.com/products/n0447-deoxynucleotide-dntp-solution-mix#Product%20Information
	Fluorescent Dye for qPCR runs					
(x2 N sets, x1 Orf	x4 sets LAMP target primers	4	IDT or Microsyntl	50	200	
	Fluorescent primers	2				
	Quenchers	2				
	(When ready for big batch lyophilisation, partner GA_FR will bear brunt for orders)					
	Swabs?					
	RNA reagents	for + control RNAs (but would need construct with T7 promoter added - possible!)				
RNA Later??						
	RNAse away	30				
	T7 RNA polymerase	70				NEB Intl ordering:
	rNTPs	70				https://www.bioconcept.ch/en/home?navigation=home
	Proteinase K	80		??		Large delays possible
	DNAse I	70				(Bst 3.0) intorder@neb.com
						NEB swiss distr info@bioconcept.ch
						To call! Bioconcept AG
						Paradiesrain 14 Postfach 427
						CH 4123, Allschwil 1,
						Telephone: +41 (0) 61 486 80 80