

## Major Resources Table

### Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Persistent ID / URL
Anti-human CD41-FITC (HIP8)	eBioscience	11-0419	10:100	<a href="https://www.thermofisher.com/antibody/product/CD41a-Antibody-clone-HIP8-Monoclonal/11-0419-41">https://www.thermofisher.com/antibody/product/CD41a-Antibody-clone-HIP8-Monoclonal/11-0419-41</a>
Anti-human CD41-APC, (HIP8)	eBioscience	17-0419	5:100	<a href="https://www.thermofisher.com/antibody/primary/query/17-0419">https://www.thermofisher.com/antibody/primary/query/17-0419</a>
Anti-human CD41-SB436, (HIP8)	eBioscience	62-0419-42	10:100	<a href="https://www.thermofisher.com/antibody/primary/query/62-0419">https://www.thermofisher.com/antibody/primary/query/62-0419</a>
ACE-2 Antibody (OTI4D2), AF647	Novus Biologicals	NBP2-72117AF647	5:100	<a href="https://www.novusbio.com/products/ace-2-antibody-oti4d2_nbp2-72117af647">https://www.novusbio.com/products/ace-2-antibody-oti4d2_nbp2-72117af647</a>
Anti-TMPRSS2 Antibody (H-4), AF488	Santa Cruz Biotechnology, Inc	Sc-515727	4:100	<a href="https://www.scbt.com/p/tmpRSS2-antibody-h-4?requestFrom=search">https://www.scbt.com/p/tmpRSS2-antibody-h-4?requestFrom=search</a>
SARS-CoV-2-Spike1 Subunit, AF488	R&D Systems	FAB105403G	5:100	<a href="https://www.rndsystems.com/products/sars-cov-2-spike-s1-subunit-alex-fluor-488-conjugated-antibody-1035206_fab105403g">https://www.rndsystems.com/products/sars-cov-2-spike-s1-subunit-alex-fluor-488-conjugated-antibody-1035206_fab105403g</a>
SARS Nucleocapsid Protein Antibody (AP201054), AF647	Novus Biologicals	NBP2-90967AF647	5:100	<a href="https://www.novusbio.com/products/sars-nucleocapsid-protein-antibody-ap201054_nbp2-90967af647">https://www.novusbio.com/products/sars-nucleocapsid-protein-antibody-ap201054_nbp2-90967af647</a>
SARS-CoV-2 Spike Protein (RBD) Recombinant Human Monoclonal Antibody (P05DHu), AF488	eBioscience	53-6490-82	3:100	<a href="https://www.thermofisher.com/antibody/product/SARS-CoV-2-Spike-Protein-RBD-Antibody-clone-P05DHu-Recombinant-Monoclonal/53-6490-82">https://www.thermofisher.com/antibody/product/SARS-CoV-2-Spike-Protein-RBD-Antibody-clone-P05DHu-Recombinant-Monoclonal/53-6490-82</a>
Caspase-3 Antibody (31A1067), DyLight 405	Novus Biologicals	NB100-56708V	8:100	<a href="https://www.novusbio.com/products/caspase-3-antibody-31a1067_nb100-56708v">https://www.novusbio.com/products/caspase-3-antibody-31a1067_nb100-56708v</a>
MLKL [p Thr357] Antibody (954724), DyLight 405	Novus Biologicals	MAB91871V	8:100	<a href="https://www.novusbio.com/products/mlkl-antibody-954724_mab91871v">https://www.novusbio.com/products/mlkl-antibody-954724_mab91871v</a>
Caspase-1 Antibody	Novus Biologicals	NBP1-45433	1:1000	<a href="https://www.novusbio.com/products/caspase-1-antibody_nbp1-45433">https://www.novusbio.com/products/caspase-1-antibody_nbp1-45433</a>
Caspase-3 Antibody (31A1067) - (Pro and Active)	Novus Biologicals	NB100-56708	1:1000	<a href="https://www.novusbio.com/products/caspase-3-antibody-31a1067_nb100-56708">https://www.novusbio.com/products/caspase-3-antibody-31a1067_nb100-56708</a>
Caspase-11 Antibody (17D9)	Novus Biologicals	NB120-10454	1:1000	<a href="https://www.novusbio.com/products/caspase-11-antibody-17d9_nb120-10454">https://www.novusbio.com/products/caspase-11-antibody-17d9_nb120-10454</a>
MLKL [p Thr357] Antibody (954724)	Novus Biologicals	MAB91871	1:1000	<a href="https://www.novusbio.com/products/mlkl-antibody-954724_mab91871">https://www.novusbio.com/products/mlkl-antibody-954724_mab91871</a>
MLKL Antibody (3B2)	Novus Biologicals	H00197259-M02	1:1000	<a href="https://www.novusbio.com/products/mlkl-antibody-3b2_h00197259-m02">https://www.novusbio.com/products/mlkl-antibody-3b2_h00197259-m02</a>
GSDMDC1 Antibody	Novus Biologicals	NBP2-33422	1:1000	<a href="https://www.novusbio.com/products/gsdmdc1-antibody_nbp2-33422">https://www.novusbio.com/products/gsdmdc1-antibody_nbp2-33422</a>
Recombinant Anti-cleaved N-terminal GSDMD antibody [EPR20829-408]	Abcam	Ab215203	1:1000	<a href="https://www.abcam.com/cleaved-n-terminal-gsdmd-antibody-epr20829-408-ab215203.html">https://www.abcam.com/cleaved-n-terminal-gsdmd-antibody-epr20829-408-ab215203.html</a>

Anti-Actin Antibody (C-2)	Santa Cruz Biotechnology, Inc.	sc-8432	1:1000	<a href="https://www.scbt.com/p/actin-antibody-c-2">https://www.scbt.com/p/actin-antibody-c-2</a>
Anti-ACE2 antibody	Abcam	15348	1:1000	<a href="https://www.abcam.com/ace2-antibody-ab15348.html">https://www.abcam.com/ace2-antibody-ab15348.html</a>
Recombinant Anti-TMPRSS2 antibody [EPR3861]	Abcam	92323	1:1000	<a href="https://www.abcam.com/tmpRSS2-antibody-epr3861-ab92323.html">https://www.abcam.com/tmpRSS2-antibody-epr3861-ab92323.html</a>
$\alpha$ -Tubulin (DM1A) Mouse mAb	Cell Signaling Technology	3873S	1:5000	<a href="https://www.cellsignal.com/products/primary-antibodies/a-tubulin-dm1a-mouse-mab/3873?site-search-type=Products&amp;N=4294956287&amp;Ntt=3873s&amp;fromPage=plp&amp;requestid=578192">https://www.cellsignal.com/products/primary-antibodies/a-tubulin-dm1a-mouse-mab/3873?site-search-type=Products&amp;N=4294956287&amp;Ntt=3873s&amp;fromPage=plp&amp;requestid=578192</a>
Mouse anti-rabbit IgG-HRP	Santa Cruz Biotechnology, Inc.	sc-2357	1:10000	<a href="https://www.scbt.com/p/mouse-anti-rabbit-igg-hrp?requestFrom=search">https://www.scbt.com/p/mouse-anti-rabbit-igg-hrp?requestFrom=search</a>
Goat anti-mouse IgG-HRP	Santa Cruz Biotechnology, Inc.	sc-2005	1:10000 1:20000 (actin)	<a href="https://www.scbt.com/p/goat-anti-mouse-igg-hrp?requestFrom=search">https://www.scbt.com/p/goat-anti-mouse-igg-hrp?requestFrom=search</a>
Chicken anti-rat IgG-HRP	Santa Cruz Biotechnology, Inc.	sc-2956	1:10000	Cat. No: sc-2956

#### RT-qPCR Primer Assays

Gene Name	TaqMan Assay ID#	Manufacturer	Persistent ID / URL
ACTB	Hs99999903_m1	ThermoFisher Scientific	<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs99999903_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs99999903_m1?CID=&amp;ICID=&amp;subtype=</a>
ACE2	Hs01085333_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs01085333_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs01085333_m1?CID=&amp;ICID=&amp;subtype=</a>
ACE2	Hs01085335_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs01085335_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs01085335_m1?CID=&amp;ICID=&amp;subtype=</a>
ACE2	Hs00222343_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00222343_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00222343_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP1	Hs00354836_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00354836_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00354836_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP3	Hs00234387_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00234387_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00234387_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP4	Hs01031951_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs01031951_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs01031951_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP7	Hs00169152_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00169152_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00169152_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP8	Hs01018151_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs01018151_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs01018151_m1?CID=&amp;ICID=&amp;subtype=</a>
CASP9	Hs00962278_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00962278_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00962278_m1?CID=&amp;ICID=&amp;subtype=</a>
GSDMD	Hs00988209_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00988209_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00988209_m1?CID=&amp;ICID=&amp;subtype=</a>
MLKL	Hs04188505_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs04188505_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs04188505_m1?CID=&amp;ICID=&amp;subtype=</a>
TMPRSS2	Hs00237175_m1		<a href="https://www.thermofisher.com/taqman-gene-expression/product/Hs00237175_m1?CID=&amp;ICID=&amp;subtype=">https://www.thermofisher.com/taqman-gene-expression/product/Hs00237175_m1?CID=&amp;ICID=&amp;subtype=</a>
Gene Name	Catalog Number	Manufacturer	Persistent ID / URL

2019-nCoV N1	10006713	Integrated DNA Technologies	<a href="https://www.idtdna.com/site/order/stock/partnbr/10006713">https://www.idtdna.com/site/order/stock/partnbr/10006713</a>
2019-nCoV N2			

### Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL
VERO C1008 [VERO 76, clone E6, Vero E6]	ATCC CRL-1586	Animal cells, sex unknown	<a href="https://www.atcc.org/products/crl-1586">https://www.atcc.org/products/crl-1586</a>
HEK293T/17	ATCC, CRL-11268	N/A	<a href="http://www.atcc.org/search#q=CRL-11268&amp;sort=relevancy&amp;numberOfResults=12&amp;f:Contenttype=[Products]">www.atcc.org/search#q=CRL-11268&amp;sort=relevancy&amp;numberOfResults=12&amp;f:Contenttype=[Products]</a>
A549 cells	ATCC, CCL-185	M	<a href="http://www.atcc.org/products/ccl-185">www.atcc.org/products/ccl-185</a>
A549 <sup>ace2+tmprss2</sup>	Dr. René Maehr, University of Massachusetts Medical School	M	See Methods for clonal cell generation

### Other

Description	Source / Repository	Persistent ID / URL
BD Vacutainer™ Glass Blood Collection Tubes with Acid Citrate Dextrose (ACD)	Fisher Scientific	<a href="https://www.fishersci.com/shop/products/bd-vacutainer-glass-blood-collection-tubes-acid-citrate-dextrose-acd-3/0268426?searchHijack=true&amp;searchTerm=02-684-26&amp;searchType=RAPID&amp;matchedCatNo=02-684-26">https://www.fishersci.com/shop/products/bd-vacutainer-glass-blood-collection-tubes-acid-citrate-dextrose-acd-3/0268426?searchHijack=true&amp;searchTerm=02-684-26&amp;searchType=RAPID&amp;matchedCatNo=02-684-26</a>
PGE1, Prostaglandin E1	Millipore Sigma	<a href="https://www.sigmaaldrich.com/US/en/search/538903-1mg?focus=products&amp;page=1&amp;perPage=30&amp;sort=relevance&amp;term=538903-1mg&amp;type=product">https://www.sigmaaldrich.com/US/en/search/538903-1mg?focus=products&amp;page=1&amp;perPage=30&amp;sort=relevance&amp;term=538903-1mg&amp;type=product</a>
Roche - Red Blood Cell Lysis Buffer	Fisher Scientific	<a href="https://www.fishersci.com/shop/products/red-blood-cell-lysis-b-100-ml/501003296#?keyword=50-100-3296">https://www.fishersci.com/shop/products/red-blood-cell-lysis-b-100-ml/501003296#?keyword=50-100-3296</a>
QIAamp® vRNA Mini Kit	Qiagen	<a href="https://www.qiagen.com/us/search/products/?query=52904">https://www.qiagen.com/us/search/products/?query=52904</a>
miRNeasy® Mini Kit	Qiagen	<a href="https://www.qiagen.com/us/search/products/?query=217004">https://www.qiagen.com/us/search/products/?query=217004</a>
RNase-Free DNase Set	Qiagen	<a href="https://www.qiagen.com/us/search/products/?query=79254">https://www.qiagen.com/us/search/products/?query=79254</a>
TRIzol™ LS Reagent	Thermo Fisher Scientific	<a href="https://www.thermofisher.com/order/catalog/product/10296010?SID=srch-srp-10296010#/10296010?SID=srch-srp-10296010">https://www.thermofisher.com/order/catalog/product/10296010?SID=srch-srp-10296010#/10296010?SID=srch-srp-10296010</a>
Ion AmpliSeq™ Transcriptome Human Gene Expression Kit	Thermo Fisher Scientific	<a href="https://www.thermofisher.com/order/catalog/product/A26327?SID=srch-hj-A26327#/A26327?SID=srch-hj-A26327">https://www.thermofisher.com/order/catalog/product/A26327?SID=srch-hj-A26327#/A26327?SID=srch-hj-A26327</a>
High Capacity cDNA RT Kit	Thermo Fisher Scientific - Applied Biosystems	<a href="https://www.thermofisher.com/order/catalog/product/4368813?SID=srch-srp-4368813#/4368813?SID=srch-srp-4368813">https://www.thermofisher.com/order/catalog/product/4368813?SID=srch-srp-4368813#/4368813?SID=srch-srp-4368813</a>
TaqMan™ PreAmp Master Mix	Thermo Fisher Scientific -	<a href="https://www.thermofisher.com/order/catalog/product/4391128?SID=srch-srp-4391128#/4391128?SID=srch-srp-4391128">https://www.thermofisher.com/order/catalog/product/4391128?SID=srch-srp-4391128#/4391128?SID=srch-srp-4391128</a>

	Applied Biosystems	
DNA Suspension Buffer	Teknova, Inc.	<a href="https://www.teknova.com/dna-suspension-buffer-ph-8-0-dnase-rnase-tested-pcr-grade">https://www.teknova.com/dna-suspension-buffer-ph-8-0-dnase-rnase-tested-pcr-grade</a>
TaqMan™ Gene Expression Master Mix	Thermo Fisher Scientific - Applied Biosystems	<a href="https://www.thermofisher.com/order/catalog/product/4369016?SID=srch-srp-4369016#/4369016?SID=srch-srp-4369016">https://www.thermofisher.com/order/catalog/product/4369016?SID=srch-srp-4369016#/4369016?SID=srch-srp-4369016</a>
SARS-CoV-2 virus	NIAID/ATCC	<a href="https://www.beiresources.org/Catalog/animalviruses/NR-52281.aspx">https://www.beiresources.org/Catalog/animalviruses/NR-52281.aspx</a>
PEG Virus Purification Kit	Abcam	<a href="https://www.abcam.com/peg-virus-precipitation-kit-ab102538.html">https://www.abcam.com/peg-virus-precipitation-kit-ab102538.html</a>
Lysing Solution 10X Concentrate	BD Biosciences	<a href="https://www.bdbiosciences.com/en-us/products/reagents/flow-cytometry-reagents/clinical-diagnostics/buffers-and-supporting-reagents-ivd-ce-ivd/lysing-solution-10x-concentrate.349202">https://www.bdbiosciences.com/en-us/products/reagents/flow-cytometry-reagents/clinical-diagnostics/buffers-and-supporting-reagents-ivd-ce-ivd/lysing-solution-10x-concentrate.349202</a>
RIPA Buffer	Millipore Sigma	<a href="https://www.sigmaaldrich.com/US/en/product/sigma/r0278?context=product">https://www.sigmaaldrich.com/US/en/product/sigma/r0278?context=product</a>
Complete™ Protease Tablets (Roche)	Fisher Scientific	<a href="https://www.fishersci.com/shop/products/complete-20-tablets/501003279#?keyword=11697498001">https://www.fishersci.com/shop/products/complete-20-tablets/501003279#?keyword=11697498001</a>
Complete™ Mini Protease Tablets (Roche)	Millipore Sigma	<a href="https://www.sigmaaldrich.com/US/en/product/roche/11836153001?context=product">https://www.sigmaaldrich.com/US/en/product/roche/11836153001?context=product</a>
PhosSTOP™ Phosphatase Inhibitor Tablets (Roche)	Millipore Sigma	<a href="https://www.sigmaaldrich.com/US/en/product/roche/phossro?context=product">https://www.sigmaaldrich.com/US/en/product/roche/phossro?context=product</a>
4–20% Mini-PROTEAN® TGX Stain-Free™ Protein Gels, 10 well, 30 µl	Bio-rad	<a href="https://www.bio-rad.com/en-us/sku/4568093-4-20-mini-protean-tgx-stain-free-protein-gels-10-well-30-ul?ID=4568093">https://www.bio-rad.com/en-us/sku/4568093-4-20-mini-protean-tgx-stain-free-protein-gels-10-well-30-ul?ID=4568093</a>
Human Brain Whole Tissue Lysate (Adult Whole Normal)	Novus Biologicals	<a href="https://www.novusbio.com/products/brain-lysate_nb820-59177">https://www.novusbio.com/products/brain-lysate_nb820-59177</a>
pHDM-G	Dr. Rene Maehr, UMMS	N/A
pHDM-Hgpm2	Dr. Rene Maehr, UMMS	N/A
pHDM-tat1b	Dr. Rene Maehr, UMMS	N/A
pRC/CMV-rev1b	Dr. Rene Maehr, UMMS	N/A
TransIT-293 transfection reagent	Mirus Bio	<a href="http://www.mirusbio.com/products/transfection/transit-293-transfection-reagent#product:MIR%202700">www.mirusbio.com/products/transfection/transit-293-transfection-reagent#product:MIR%202700</a>
Fetal Bovine Serum	Thermo Fisher Scientific - Gibco	<a href="https://www.thermofisher.com/order/catalog/product/10437028?SID=srch-srp-10437028#/10437028?SID=srch-srp-10437028">https://www.thermofisher.com/order/catalog/product/10437028?SID=srch-srp-10437028#/10437028?SID=srch-srp-10437028</a>
MEM NEAA	Thermo Fisher Scientific - Gibco	<a href="https://www.thermofisher.com/order/catalog/product/11140050?SID=srch-srp-11140050#/11140050?SID=srch-srp-11140050">https://www.thermofisher.com/order/catalog/product/11140050?SID=srch-srp-11140050#/11140050?SID=srch-srp-11140050</a>
Penicillin-streptomycin	Corning - VWR	<a href="https://us.vwr.com/store/product/10243589/penicillin-streptomycin-solution-corning-100x">https://us.vwr.com/store/product/10243589/penicillin-streptomycin-solution-corning-100x</a>
Sodium pyruvate	Thermo Fisher Scientific - Gibco	<a href="https://www.thermofisher.com/order/catalog/product/11360070?SID=srch-hj-11360070#/11360070?SID=srch-hj-11360070">https://www.thermofisher.com/order/catalog/product/11360070?SID=srch-hj-11360070#/11360070?SID=srch-hj-11360070</a>
Glutamax	Thermo Fisher Scientific - Gibco	<a href="https://www.thermofisher.com/order/catalog/product/35050061?SID=srch-srp-35050061#/35050061?SID=srch-srp-35050061">https://www.thermofisher.com/order/catalog/product/35050061?SID=srch-srp-35050061#/35050061?SID=srch-srp-35050061</a>
Puromycin	Thermo Fisher/Invitrogen - Gibco	<a href="https://www.thermofisher.com/order/catalog/product/A1113803?SID=srch-hj-A1113803#/A1113803?SID=srch-hj-A1113803">https://www.thermofisher.com/order/catalog/product/A1113803?SID=srch-hj-A1113803#/A1113803?SID=srch-hj-A1113803</a>
DX600	Cayman Chemical	<a href="https://www.caymanchem.com/search?q=22186">https://www.caymanchem.com/search?q=22186</a>