



SIGNALCHEM
DIAGNOSTICS

2024 PRODUCT CATALOG



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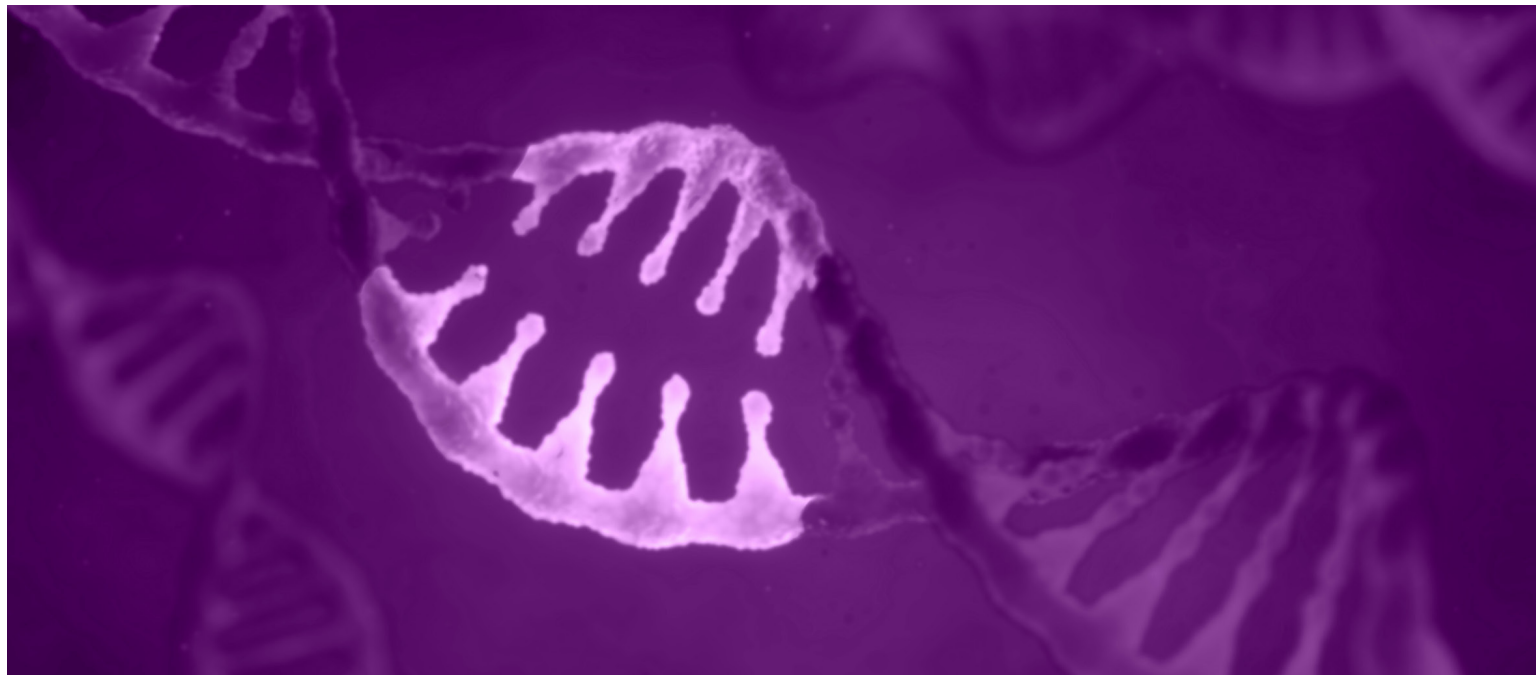
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CRISPR ASSOCIATED PROTEINS

SignalChem Diagnostics offers a comprehensive portfolio of CRISPR-associated proteins, featuring a diverse range of highly active CRISPR enzymes tailored to meet the demands of cutting-edge gene-editing applications. Our selection of CRISPR enzymes ensures exceptional specificity, efficiency, and versatility in various CRISPR-based gene manipulation techniques, enabling the development of innovative and reliable gene-editing solutions.

CRISPR Enzymes

Name	Catalog #	Source Organism	Expression Host Organism	Tag Type	Sequence
AapCas12b, Active	C12B1-E311U	Alicyclobacillus acidiphilus	E.coli	Tag-free	full length
AsCas12a, Active	CS12A-E311H	Acidaminococcus sp	E.coli	His	full length
Cas12 (LbCpf1), Active	C12CR-E241H	Lachnospiraceae	E.coli	His	full-length
Cas12 (LbCpf1), Active	C12CR-E241G	Lachnospiraceae	E.coli	GST	full-length
EiCsm6, Active	CS06-E312H	Enterococcus italicus	E.coli	His	full length
LbuCas13a, Active	CS13A-E322U	Leptotrichia buccalis	E.coli	Tag-free	full length
LbuCas13a, Active, Glycerol-free	CS13A-E322UB	Leptotrichia buccalis	E.coli	Tag-free	full-length
LwCas13a, Active	CS13A-E321H	Leptotrichia wadei	E.coli	His	full length
PsmCas13b, Active	CS13B-E312H	Prevotella sp	E.coli	His	full length
SpCas9 (D10A)-NLS	CS09N-E331H	Streptococcus pyogenes	E.coli	His	full length
SpCas9 (D10A, H840A)-NLS	CS09N-E333H	Streptococcus pyogenes	E.coli	His	full length
SpCas9 (H840A)-NLS	CS09N-E332H	Streptococcus pyogenes	E.coli	His	full length
SpCas9, Active	CS09-E311H	Streptococcus pyogenes	E.coli	His	full length
SpCas9-NLS, Active	CS09N-E312H	Streptococcus pyogenes	E.coli	His	full length
SpCas9-NLS, Glycerol-free	CS09N-E312HB	Streptococcus pyogenes	E.coli	His	full length
TccCas13a, Active	CS13A-E314H	Thermoclostridium caenicola	E.coli	His	full length
TtCsm6, Active	CS06-E311H	Thermus thermophilus	E.coli	His	full length

Reagents

Name	Catalog #	Application
CAS System Nucleic Acid Detection Test Strip	TS01-CS89	Qualitative detection of probe cleavage
Cas12 Reaction Buffer, 10X	CS12-09	Reaction buffer for Cas12 activity assays
Cas13 Reaction Buffer II, 10X	CS13-09B	Reaction buffer for Cas13 activity assays
Cas13 Reaction Buffer, 10X	CS13-09	Reaction buffer for Cas13 activity assays
Cas13 Storage Buffer, 1X	CS13-19	Storage buffer for Cas13 enzymes

Kits

Product Name	Cat# No
Cas12 (AapCas12b) Kit	C12B1-U834
Cas12 (LbCpf1, GST) Kit	C12CR-G834
Cas12 (LbCpf1, His) Kit	C12CR-H834
Cas13 [LwCas13a (LwC2c2)] Kit	CS13A-H834
Cas13 (LbuCas13a) Kit	CS13A-U834

Custom Guide RNAs

We provide expertly synthesized and tailored custom guide RNAs for a wide range of research applications, including specialized projects. Our Alt-R Custom Guide RNAs are the perfect choice for prime editing (pegRNA) initiatives, CRISPR-Cas13 applications, and the majority of alternative CRISPR-Cas systems, ensuring optimal performance and adaptability for your unique research needs



MOLECULAR DIAGNOSTICS RELATED PRODUCTS

SignalChem Diagnostics offers a comprehensive selection of high-quality molecular enzymes, specifically designed to enhance the performance and reliability of molecular diagnostic applications. Our product range includes enzymes for efficient cDNA synthesis, reliable PCR amplification, and accurate qPCR analysis. Carefully optimized and rigorously tested, these enzymes and master mixes provide consistent results, making them ideal for various molecular diagnostic assays.

Enzymes

Name	Catalog #	Description
High Fidelity Master Mix	HF01-E011	Next generation PCR premix for rapid target amplification with better specificity and higher yield
High Fidelity Master Mix (Dye Plus)	HF01-E012	Next generation PCR premix with a loading dye for rapid target amplification and simplified tracking of DNA products
M-MLV (H-) Reverse Transcriptase	RTM01-E311	Recombinant reverse transcriptase for long cDNA synthesis
Murine RNase Inhibitor	RNI01-G511	RNase inhibitor with improved resistance to oxidation for selective inhibition of RNase A, B, and C
PureScript II Pro Reverse Transcriptase	RTH02-E311	Optimized M-MLV (RNase H-) reverse transcriptase with improved thermostability
PureScript III Pro Reverse Transcriptase	RTH03-E311	Optimized M-MLV (RNase H-) reverse transcriptase with improved thermostability, designed for reactions at 37°C
Super Fidelity DNA Polymerase	SF01-E311	Next generation polymerase with improved long-fragment amplification ability, specificity, and PCR product yield
Super Fidelity Master Mix	SF01-E011	Next generation PCR premix for better long-fragment amplification, higher specificity and product yield
Super Mix For qPCR (+gDNA Wiper)	RTS01-E011	Optimized reverse transcriptase kit for improved cDNA synthesis in qPCR applications

Enzymes

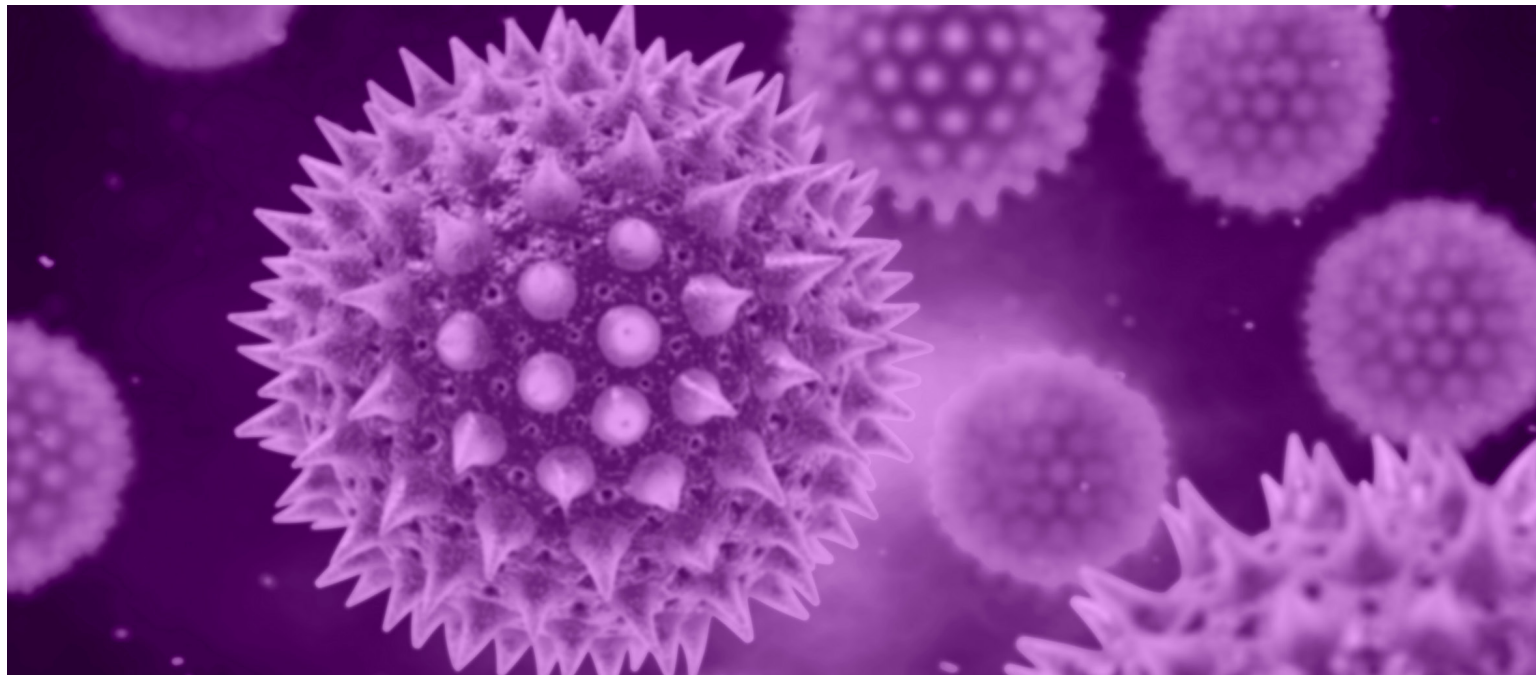
Name	Catalog #	Description
Taq DNA polymerase	TQ01-E311	Purified <i>Thermus aquaticus</i> DNA polymerase with 5' → 3' polymerase activity and 5' → 3' exonuclease activity, but no 3' → 5' exonuclease activity
Taq Plus DNA polymerase	TQ02-E311	Mixture of Taq DNA polymerase and an enzyme with 3' → 5' exonuclease activity, for greater PCR fidelity, higher sensitivity and yield
Taq Plus Master Mix	TQ02-E011	Optimized PCR premix with Taq Plus DNA polymerase for better amplification performance, higher fidelity and yield
Taq Plus Master Mix (Dye Plus)	TQ02-E012	Optimized PCR premix with Taq Plus DNA polymerase and dyes for better amplification performance, higher fidelity and yield, and simplified product loading for electrophoresis
Taq Pro Universal SYBR qPCR Master Mix	TQ03-E011	Premix for SYBR Green I fluorescence qPCR with optimized Taq Pro DNA Polymerase

Reagents

Name	Catalog #	Description
dNTP Mix	DN01-09	PCR, RT, and RT-PCR reagent
Nucleic Acid Detection Test Strip	TS02-NA89	Qualitative detection of nucleic acid amplification products

Isothermal Amplification Enzymes

Name	Catalog #	Source Organism	Expression
ATP-dependent DNA helicase RecQ, Active	AH01-E311H	<i>E. coli</i>	<i>E. coli</i>
Bst II Pro DNA Polymerase Large Fragment	BP01-E311	<i>Bacillus stearothermophilus</i>	<i>E. coli</i>
Bsu DNA Polymerase Large Fragment	BD01-E311U	<i>Bacillus subtilis</i>	<i>E. coli</i>
Sau DNA Polymerase Large Fragment	SD01-E311U	<i>Staphylococcus aureus</i>	<i>E. coli</i>
Single-stranded DNA binding protein	SS01-C501H	<i>E. coli</i>	<i>E. coli</i>
T4 gp32 Protein	T4G32-C501H	<i>Escherichia virus T4</i>	<i>E. coli</i>
T4 UvsX DNA Recombinase	T4SX-E311U	<i>Escherichia virus T4</i>	<i>E. coli</i>
T4 UvsY Protein	T4SY-C501H	<i>Escherichia virus T4</i>	<i>E. coli</i>



IMMUNODIAGNOSTICS

SignalChem Diagnostics offers an exclusive range of anti-human antibodies designed to meet the demands of various immunodiagnostic assays. Our high-quality monoclonal antibodies target Human IgA, IgG, and IgM, providing exceptional specificity and sensitivity. Unconjugated and optimized for a wide array of applications, these antibodies ensure reliable performance in ELISA, Western blot, immunoprecipitation, and other immunoassay techniques.

Antibodies

Name	Catalog #	Expression Host Organism	Isotype/Class
Anti-Human IgG Antibody mIgM, Unconjugated	H38-60M	N/A	Mouse, IgM
Anti-Human IgM Antibody mIgG, Unconjugated	H38M-60M	N/A	Mouse, IgG

Allergens

Name	Catalog #	Source Organism	Expression	Tag Type	Genbank Accession #
Aln g 1	AG01-A921H	Alnus glutinosa	E. coli	His	S50892.1
Aln g 1	AG01-A922H	Alnus glutinosa	Tobacco	His	S50892.1
Alt a 1	AL01-A931H	Alternaria alternata	E. coli	His	AY117038.1
Ana c 1	AC01-A922H	Ananas comosus	Tobacco	His	AF377949.1
Ana c 1	AC01-A921H	Ananas comosus	E. coli	His	AF377949.1
Ana o 1 (N131)	AN01-A921H	Anacardium occidentale	E. coli	His	AF395894.1
Art v 1	AV01-A921H	Artemisia vulgaris	Tobacco	His	AF493943.1
Art v 3	AV03-A921H	Artemisia vulgaris	Tobacco	His	EU564845.1
Art v 3.02	AV02-A921H	Artemisia vulgaris	E. coli	His	EU564845.1
Art v 5	AV05-A921H	Artemisia vulgaris	E. coli	His	AY904434.1
Asp f 2	AF02-A931H	Aspergillus fumigatus	E. coli	His	U56938.1

Allergens

Name	Catalog #	Source Organism	Expression	Tag Type	Genbank Accession #
Asp f 3	AF03-A931H	Aspergillus fumigatus	E. coli	His	U58050.1
Asp f 5	AF05-A931H	Aspergillus fumigatus	E. coli	His	Z30424.1
Asp f 6	AF06-A931H	Aspergillus fumigatus	E. coli	His	U53561.1
Asp f 9	AF09-A931H	Aspergillus fumigatus	E. coli	His	AJ223327.1
Bet v 1	BV01-A921H	Betula pendula	E. coli	His	X15877.1
Can f 1	CF01-A951H	Canis familiaris	E. coli	His	AF027177.1
Can f 2	CF02-A951H	Canis familiaris	E. coli	His	AF027178.1
Can f 3	CF03-A951H	Canis familiaris	E. coli	His	AB090854.1
Can f 5	CF05-A951H	Canis familiaris	E. coli	His	Y00751
Che a 2	CH02-A921H	Chenopodium album	E. coli	His	AY082337.1
Che a 3	CH03-A921H	Chenopodium album	E. coli	His	AY082338.1
Cor a 1	CA01-A921H	Corylus avellana	E. coli	His	X70999.1
Cra c 8	CC08-A951H	Crangon crangon	E. coli	His	FJ462738.1
Der f 1	DF01-A941H	Dermatophagoides farinae	E. coli	His	AB034946.1
Der f 2	DF02-A941H	Dermatophagoides farinae	E. coli	His	D10447.1
Der p 2	DP02-A941H	Dermatophagoides pteronyssinus	E. coli	His	AF276239.1
Der p 21	DP21-A941H	Dermatophagoides pteronyssinus	E. coli	His	DQ354124.1
Der p 21/23	DP22-A941H	Dermatophagoides pteronyssinus	E. coli	His	Der p 21: DQ354124.1 Der p 23: EU414751.1
Der p 23	DP23-A941H	Dermatophagoides pteronyssinus	E. coli	His	EU414751.1
Der p 7	DP07-A941H	Dermatophagoides pteronyssinus	E. coli	His	U37044.1
Fag e 2	FE02-A921H	Fagopyrum esculentum	E. coli	His	DQ304682.1
Fel d 1	FD01-A951H	Felis catus	E. coli	His	chain 1: NM_001048153.1 chain 2: NM_00104.1
Fel d 4	FD04-A951H	Felis catus	E. coli	His	NM_001009233.1
Fra a 1	FA01-A921H	Fragaria x ananassa	E. coli	His	LC214965.1
Gly m 3	GM03-A921H	Glycine max	Tobacco	His	AJ223982.1
Gly m 4	GM04-A921H	Glycine max	E. coli	His	X60043.1
Lit v 2	LV02-A951H	Litopenaeus vannamei	E. coli	His	DQ975203.1
Lit v 3	LV03-A951H	Litopenaeus vannamei	E. coli	His	EU449515.1
Lit v 4	LV04-A951H	Litopenaeus vannamei	E. coli	His	FJ184279.1
Mal d 1	MD01-A921H	Malus domestica	E. coli	His	X83672.1
Man i 3	MN03-A921H	Mangifera indica	Tobacco	His	DQ270547.1
Man i 4	MN04-A922H	Mangifera indica	E. coli	His	OK136959.1
Man i 4	MN04-A921H	Mangifera indica	Tobacco	His	OK136959.1
Pen ch 18	PC18-A961H	Penicillium chrysogenum	E. coli	His	AF264027.1
Pen m 2	PM02-A951H	Penaeus monodon	E. coli	His	AF479772.1
Pis v 2	PV02-A921H	Pistacia vera	Tobacco	His	DQ631676.1
Pru du 1	PR01-A921H	Prunus dulcis (Almond)	E. coli	His	EU424251.1
Pru p 4	PP04-A921H	Prunus persica (Peach)	E. coli	His	AJ491881.1
Que a 1	QA01-A921H	Quercus alba	E. coli	His	EU283862.1
Scy p 2	SP02-A951H	Scylla paramamosain	E. coli	His	JN828652.1
Sola l 4	SL04-A921H	Solanum lycopersicum (Lycopersicon esculentum)	E. coli	His	KF682291.1

New allergens are coming soon: Amb a 6, Ara h 1, Gly m 4, Hum j 1, Jun a 7, Pan b 1, Phl p 5, Sola l 6

Animal Pathogen Detection Kits

Name	Catalog #
Guinea Pig Adenovirus (ADV) ELISA Kit	CADV1-876
Guinea Pig Cytomegalovirus (CMV) ELISA Kit	CCMV1-876
Guinea Pig Tyzzer's Disease (Clostridium piliforme) (CPIL) ELISA Kit	CCP01-876
Mouse Ectromelia Virus (EV) ELISA Kit	MEV01-876
Mouse Hepatitis Virus (MHV) ELISA Kit	MHV01-876
Mouse Lymphocytic Choriomeningitis Virus (LCMV) ELISA Kit	LCMV1-876
Mouse Mycoplasma pulmonis (MP) ELISA Kit	MMP01-876
Mouse Norovirus ELISA Kit	MNV01-876
Mouse Parvovirus ELISA Kit	MPV01-876
Mouse Pneumonia Virus (MPV) ELISA Kit	MPV02-876
Mouse Sendai Virus (SV) ELISA Kit	MSV01-876
Mouse Theiler's Murine Encephalomyelitis Virus (TMEV) ELISA Kit	MTV01-876
Rat Hantavirus (HV) ELISA Kit	RHV01-876
Rat Parvovirus (PV) ELISA Kit	RPV01-876
Rat Sialodacryoadenitis Virus (SDAV) ELISA Kit	RSAV1-876



CLINICAL CHEMISTRY

SignalChem Diagnostics offers a diverse range of enzymes specifically designed for clinical chemistry applications, ensuring optimal performance in diagnostic tests and assays. Our high-quality enzyme selection has been rigorously tested for accuracy, sensitivity, and consistency, enabling precise quantification and detection of analytes in various clinical chemistry tests.

Enzymes

Product Name	Cat# No
Cholesterol Oxidase (Diagnostic Grade)	CX01D1-E311H
Cholesterol Oxidase (Research Grade)	CX01D-E311H
D-Lactate dehydrogenase (Diagnostic Grade)	LD01D1-E311H
D-Lactate dehydrogenase (Research Grade)	LD01D-E311H
Glucose-6-phosphate dehydrogenase (Diagnostic Grade)	GD03D1-E311H
Glucose-6-phosphate dehydrogenase (Research Grade)	GD03D-E311H
Hexokinase (Diagnostic Grade)	HK01D1-E311H
Hexokinase (Research Grade)	HK01D-E311H
Malate dehydrogenase (Diagnostic Grade)	MD01D1-E311H
Malate Dehydrogenase (Research Grade)	MD01D-E311H
Uricase (Diagnostic Grade)	UR01D1-E311H
Uricase (Research Grade)	UR01D-E311H

Cofactors

Name	Catalog #	Cas #	Molecular Formula
Nicotinamide Adenine Dinucleotide (NAD)	NA01-C59	53-84-9	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂

Cofactors

Name	Catalog #	Cas #	Molecular Formula
Nicotinamide Adenine Dinucleotide Phosphate Disodium Salt (NADP-Na2)	NN02-C59	24292-60-2	C21H26N7O17P3 Na2
Nicotinamide Adenine Dinucleotide Phosphate Monosodium Salt (NADP-Na)	NN01-C59	1184-16-3	C21H27N7O17P3 · Na
Nicotinamide Adenine Dinucleotide Phosphate Reduced Form (NADPH) tetrasodium salt	NR01-C59	2646-71-1	C21H26N7Na4O17P3
Nicotinamide Adenine Dinucleotide Reduced Form (NADH) disodium salt	NH01-C59	606-68-8	C21H27N7O14P2 Na2
Nicotinamide Mononucleotide (NMN)	NM01-C59	1094-61-7	C11H15N2O8P
β-Thionicotinamide Adenine Dinucleotide oxidized form free acid (β-Thio-NAD)	TN01-C59	4090-29-3	C21H27N7O13SP2

GENERAL REAGENTS

Enzymes

Name	Catalog #	Source Organism	Expression
Endonuclease	EN01-E311U	Serratia marcescens	E. coli
Proteinase K, Active (MBG)	P535-30N	Parengyodontium album (triturachium album)	Pichia pastoris

Affinity Proteins & Resins

Product Name	Cat# No	Source	Expression	Tag Type	Genbank Accession#
Protein A	PA01-S551H	Staphylococcus. aureus	E. coli	His	CAE54483.1
Protein A Resin	PA01-RA551				
Protein G	PG01-S551H	Streptococcus Sp.	E. coli	His	
Protein L	PL01-S551H	Finegoldia magna	E. coli	His	
Streptavidin	ST01-E511U	Streptomyces avidinii	E. coli	tag-free	X03591
Streptavidin	ST01-E511H	Streptomyces avidinii	E. coli	His	X03591



COVID-19 RELATED PRODUCTS

SignalChem Diagnostics offers an extensive array of COVID-19 related proteins, designed to support cutting-edge research in diagnostics, therapeutics, and vaccine development. Our product line includes various forms of the SARS-CoV-2 Spike protein, Nucleocapsid protein, non-structural proteins (NSPs), and key enzymes, as well as human proteins involved in virus-host interactions. These high-quality, recombinant proteins are carefully produced and validated to ensure optimal performance and consistency across a wide range of applications.

COVID-19 Proteins

Product Name	Cat# No	Expression System	Tag Type	Sequence
2019-nCoV 3CLpro, Active	C19CL-G242H	E.coli	His	full-length
2019-nCoV 3CLpro, Active	C19CL-G241H	E.coli	His	full-length
2019-nCoV NSP10/NSP16 Methyltransferase, Active	C19NS-E301H	E.coli	His	heterodimer of full length NSP10 (A4254-Q4392) and NSP16 (S6799-N7096)
2019-nCoV NSP14 Methyltransferase, Active	C19NS-E311H	E.coli	His	5925-6452
2019-nCoV NSP7 Protein	C19N7-E541H	E.coli	His	full-length
2019-nCoV NSP8 Protein	C19N8-E541H	E.coli	His	full-length
2019-nCoV Nucleocapsid (N) Protein	C19NP-G242H	E.coli	His	full-length
2019-nCoV Nucleocapsid protein CTD	C19ND-G241H	E.coli	His	237-419
2019-nCoV PLpro, Active	C19PL-G241H	E.coli	His	full-length
2019-nCoV RdRp, Active	C19RP-G241H	E.coli	His	full-length
2019-nCoV Spike protein RBD (K417T, E484K, N501Y), HRP conjugated	C19SD-G231AD	CHO cells	His	RBD (319-541) with K417T, E484K, N501Y, conjugated to HRP
2019-nCoV Spike protein RBD (L452R, E484Q), HRP conjugated	C19SD-G231DD	CHO cells	His	RBD (319-541) with L452R, E484Q, conjugated to HRP

COVID-19 Proteins

Product Name	Cat# No	Expression System	Tag Type	Sequence
2019-nCoV Spike protein RBD (L452R, T478K), HRP conjugated	C19SD-G231FD	CHO cells	His	RBD (319-541) with L452R, T478K, conjugated to HRP
2019-nCoV Spike protein RBD (R346K, E484K, N501Y)	C19SD-G231NH	CHO cells	His	RBD (319-541) with R346K, E484K, N501Y
2019-nCoV Spike protein RBD (Y449H, E484K, N501Y)	C19SD-G231PH	CHO cells	His	RBD (319-541) with Y449H, E484K, N501Y
2019-nCoV spike protein RBD (E484K)	C19SD-G237H	CHO cells	His	RBD (319-541) with E484K
2019-nCoV Spike protein RBD (E484Q)	C19SD-G231CH	CHO cells	His	RBD (319-541) with E484Q
2019-nCoV Spike protein RBD (IHU)	C19SD-G231RH	CHO cells	His	RBD (319-541) with IHU · R346S, N394S, Y449N, E484K, F490S, N501Y
2019-nCoV Spike protein RBD (K417N)	C19SD-G236H	CHO cells	His	RBD (319-541) with K417N
2019-nCoV Spike protein RBD (K417N, E484K, N501Y) (Beta variant)	C19SD-G232H	CHO cells	His	RBD (319-541) with K417N, E484K, N501Y
2019-nCoV Spike protein RBD (K417N, E484K, N501Y), HRP conjugated	C19SD-G232D	CHO cells	His	RBD (319-541) with K417N, E484K, N501Y, conjugated to HRP
2019-nCoV Spike protein RBD (K417N, L452R, T478K)	C19SD-G231LH	CHO cells	His	RBD (319-541) with K417N, L452R, T478K
2019-nCoV Spike protein RBD (K417T)	C19SD-G239H	CHO cells	His	RBD (319-541) with K417T
2019-nCoV Spike protein RBD (K417T, E484K and N501Y)	C19SD-G231AH	CHO cells	His	RBD (319-541) with K417T, E484K, N501Y
2019-nCoV Spike protein RBD (L452Q, F490S)	C19SD-G231MH	CHO cells	His	RBD (319-541) with L452Q, F490S
2019-nCoV Spike protein RBD (L452R)	C19SD-G235H	CHO cells	His	RBD (319-541) with L452R
2019-nCoV spike protein RBD (L452R, E484Q)	C19SD-G231DH	CHO cells	His	RBD (319-541) with L452R, E484Q
2019-nCoV Spike Protein RBD (L452R, T478K)	C19SD-G231FH	CHO cells	His	RBD (319-541) with L452R T478K
2019-nCoV Spike protein RBD (N439K)	C19SD-G233H	CHO cells	His	RBD (319-541) with N439K
2019-nCoV Spike protein RBD (N440K)	C19SD-G231EH	CHO cells	His	RBD (319-541) with N440K
2019-nCoV Spike protein RBD (N501Y)	C19SD-G231H	CHO cells	His	RBD (319-541) with N501Y
2019-nCoV Spike protein RBD (N501Y), HRP conjugated	C19SD-G231D	CHO cells	His	RBD (319-541) with N501Y, conjugated to HRP
2019-nCoV Spike protein RBD (S477G)	C19SD-G231BH	CHO cells	His	RBD (319-541) with S477G
2019-nCoV Spike protein RBD (S477N)	C19SD-G238H	CHO cells	His	RBD (319-541) with S477N
2019-nCoV Spike protein RBD (Y453F)	C19SD-G234H	CHO cells	His	RBD (319-541) with Y453F
2019-nCoV Spike protein RBD, HRP conjugated	C19SD-G241D	CHO cells	His	319-541, conjugated to HRP
2019-nCoV Spike protein RBD, Fc Tag	C19SD-G241F	CHO cells	Fc	319-541
2019-nCoV Spike protein RBD, HIS Tag	C19SD-G241H	CHO cells	His	319-541

COVID-19 Proteins

Product Name	Cat# No	Expression System	Tag Type	Sequence
2019-nCoV Spike protein S1 (?69-70, N439K, D614G)	C19S1-G231BH	CHO cells	His	S1(16-685) with ?69-70, N439K, D614G
2019-nCoV Spike protein S1 (?69-70, N501Y, D614G)	C19S1-G237H	CHO cells	His	(16-685) with ?69-70, N501Y, D614G
2019-nCoV Spike protein S1 (?69-70, Y453F, D614G)	C19S1-G231AH	CHO cells	His	S1(16-685) with ?69-70, Y453F, D614G
2019-nCoV Spike protein S1 (T19R, ?157-158, L452R, T478K, D614G, P681R)	C19S1-G231FH	CHO cells	His	S1(16-685) with T19R, ?157-158, L452R, T478K, D614G, P681R
2019-nCoV Spike protein S1 (T95I, Y144T, Y145S, ins146N, R346K, E484K, N501Y, D614G, P681H)	C19S1-G231MH	CHO cells	His	S1(16-685) with T95I, Y144T, Y145S, ins146N, R346K, E484K, N501Y, D614G, P681H
2019-nCoV Spike protein S1 (?69-70 ?144 N501Y A570D D614G P681H)	C19S1-G239H	CHO cells	His	S1(16-685) with ?69-70 ?144 N501Y A570D D614G P681H
2019-nCoV Spike protein S1 (?69-70)	C19S1-G234H	CHO cells	His	(16-685) with ?69-70
2019-nCoV spike protein S1 (?Y145, ?H146, E484K, D614G)	C19S1-G231DH	CHO cells	His	S1(16-685) with ?Y145, ?H146, E484K, D614G
2019-nCoV Spike protein S1 (A222V)	C19S1-G233H	CHO cells	His	(16-685) with A222V
2019-nCoV Spike protein S1 (A222V, D614G)	C19S1-G235H	CHO cells	His	(16-685) with A222V, D614G
2019-nCoV Spike protein S1 (D614G)	C19S1-G231H	CHO cells	His	S1(16-685) with D614G
2019-nCoV Spike protein S1 (IHU)	C19S1-G231RH	CHO cells	His	S1(16-685) with IHU E96Q, ?136-144, R190S, D215H, R346S, N394S, Y449N, E484K, F490S, N501Y, D614G, P681H
2019-nCoV Spike protein S1 (K417N, E484K, N501Y, D614G)	C19S1-G238H	CHO cells	His	S1(16-685) with K417N, E484K, N501Y, D614G
2019-nCoV Spike protein S1 (L452R, E484Q, D614G, P681R)	C19S1-G231EH	CHO cells	His	(16-685) with L452, E484Q, D614Q, P681R
2019-nCoV Spike protein S1 (N501Y, D614G)	C19S1-G236H	CHO cells	His	(16-685) with N501Y, D614G
2019-nCoV Spike protein S1 (P681H)	C19S1-G232H	CHO cells	His	S1(16-685) with P681H
2019-nCoV Spike protein S1 (T19R, G142D, del157-158, L452R, T478K, D614G, P681R)	C19S1-G231LH	CHO cells	His	S1(16-685) with T19R, G142D, ?157-158, L452R, T478K, D614G, P681R
2019-nCoV Spike protein S1 (T95I, G142D, E154K, L452R, E484Q, D614G, P681R)	C19S1-G231KH	CHO cells	His	S1(16-685) with T95I, G142D, E154K, L452R, E484Q, D614G, P681R
2019-nCoV Spike protein S1, Fc Tag	C19S1-G241F	CHO cells	Fc	16-685
2019-nCoV Spike protein S1, HIS Tag	C19S1-G241H	CHO cells	His	16-685
2019-nCoV Spike protein S2, Fc Tag	C19S2-G241F	CHO cells	Fc	686-1212
2019-nCoV Spike RBD-N Protein Chimera	C19NSD-G242H	CHO cells	His	2019-nCoV's N-terminal Spike S1 RBD (319-541) fused to Nucleocapsid (237-419) protein with a linker HSA (human serum albumin)
ACE2 (18-739) Protein	A53C2-G341F	CHO cells	Fc	18-739
ACE2 (18-740) Protein	A52C2-G341F	CHO cells	Fc	18-740
ACE2 (19-740) Protein	A51C2-G341F	CHO cells	Fc	19-740
CD147 (22-205) Protein	C81D7-G651F	CHO cells	Fc	22-205
CD147 (22-205) Protein	C81D7-G651H	CHO cells	His	22-206

COVID-19 Proteins

Product Name	Cat# No	Expression System	Tag Type	Sequence
DPP4 (29-766) Protein	DP4CD-G441H	CHO cells	His	29-766
MERS Spike Protein RBD	MERSD-G241F	CHO cells	Fc	377-588
SARS-CoV Spike Protein RBD	SARSD-G241F	CHO cells	Fc	318-510
SARS-CoV Spike Protein S1, Fc Tag	SARS1-G241F	CHO cells	Fc	14-680
SARS-CoV Spike Protein S1, HIS Tag	SARS1-G241H	CHO cells	His	14-680

COVID-19 Inhibitors

Product Name	Cat# No	CAS#	Molecular Formula
ACE2 (18-615) Protein	A51C2-G342F		
Bafilomycin A1	V115-905	88899-55-2	C35H58O9
Camostat Mesilate	S565-906	59721-29-8	C20H22N4O5 · CH3SO3H
Captopril	A51-906	62571-86-2	C9H15NO3S
Chloroquine phosphate	C119-905	50-63-5	C18H26ClN3 · 2H3PO4
Hydroxychloroquine	T860-905	747-36-4	C18H26ClN3O · H2SO4
INK-128	F17-901C		C15H15N7O
Losartan potassium	S35-908	124750-99-8	C22H22ClN6O · K
Mycophenolic acid	I23-905	24280-93-1	C17H20O6
Niclosamide	S54-900	50-65-7	C13H8Cl2N2O4
Nitazoxanide	P312-905	55981-09-4	C12H9N3O5S
Ponatinib	A03-900	943319-70-8	C29H27F3N6O
RVX-208	B17-905B	1044870-39-4	C20H22N2O5
Tofacitinib	J01-900	477600-75-2	C16H20N6O
Valinomycin	V113-908	2001-95-8	C54H90N6O18
Verapamil HCl	V114-908	152-11-4	C27H38N2O4 · HCl

COVID-19 Antibodies

Product Name	Cat# No
Anti 2019-nCoV N-Protein hIgG Antibody, HRP conjugated	C19NP-60DH
Anti 2019-nCoV N-Protein hIgG Antibody	C19NP-60H
Anti 2019-nCoV Spike Protein hIgG Antibody, HRP conjugated	C19S1-60DH
Anti 2019-nCoV Spike Protein hIgG Antibody	C19S1-60H
Anti-2019-nCoV Spike (681P) (8G10A1)	C19S1-6101M
Anti-2019-nCoV Spike (681P) (8G10B1)	C19S1-6102M
Anti-2019-nCoV Spike (681P) (8G10C8)	C19S1-6103M
Anti 2019-nCoV Spike Protein hIgG Antibody	C19S1-61H
Anti 2019-nCoV Spike Protein mIgG Antibody	C19S1-61MH
Anti-2019-nCoV Spike (P681H) Mutant (9F7E4)	C19S1-6701M
Anti-2019-nCoV Spike (P681H) Mutant	C19S1-6701R
Anti-2019-nCoV Spike (P681H) Mutant (1G8D11)	C19S1-6702M
Anti-2019-nCoV Spike (P681H) Mutant (7A4D12)	C19S1-6703M
Anti-2019-nCoV Spike (P681H) Mutant (7C11H11)	C19S1-6704M
Anti 2019-nCoV Spike Protein hIgA Antibody	C19S1-A60H
Anti 2019-nCoV Spike Protein hIgM Antibody	C19S1-M60H

COVID-19 Antibodies

Product Name	Cat# No
Anti 2019-nCoV Spike Protein Neutralizing Nanobody (NBX20010)	C19S1-641HL
Anti 2019-nCoV Spike Protein Neutralizing Nanobody (NBX20014)	C19S1-644HL
Anti 2019-nCoV Spike Protein Neutralizing Nanobody (NBX20025)	C19S1-643HL
Anti 2019-nCoV Spike Protein Neutralizing Nanobody (NBX20038)	C19S1-642HL
Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20014)	C19S1-654L
Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20025)	C19S1-653L
Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20038)	C19S1-652L

COVID-19 Cell Lines

Product Name	Cat# No
Human ACE2 Stable Cell line-CHO	A51C2-71C

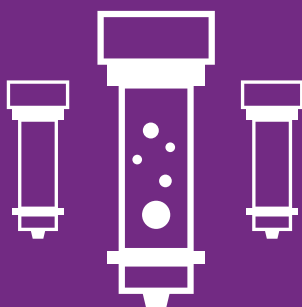
COVID-19 ELISA Kits

Product Name	Cat# No
2019-nCoV S1 Protein ELISA Kit	C19SD-876
2019-nCoV S1 Human IgG ELISA Kit	C19S1-877
2019-nCoV S1 Human IgA ELISA Kit	C19S1-A877
2019-nCoV S1 Human IgM ELISA Kit	C19S1-M877
2019-nCoV S1 Human IgG-IgA-IgM ELISA Kit	C19S1-P877
2019-nCoV N-S1 Human IgG-IgA-IgM ELISA Kit	C19NS1-P877
2019-nCoV N-S1 Human IgA ELISA Kit	C19NS1-A877
2019-nCoV N-S1 Human IgM ELISA Kit	C19NS1-M877
2019-nCoV N-S1 Human IgG ELISA Kit	C19NS1-877
2019-nCoV Neutralization ELISA Kit	C19SD-N887
2019-nCoV High Sensitivity S1 Protein ELISA Kit	C19S1-876
2019-nCoV Delta Variant Neutralization ELISA Kit	C19SD-ND887

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