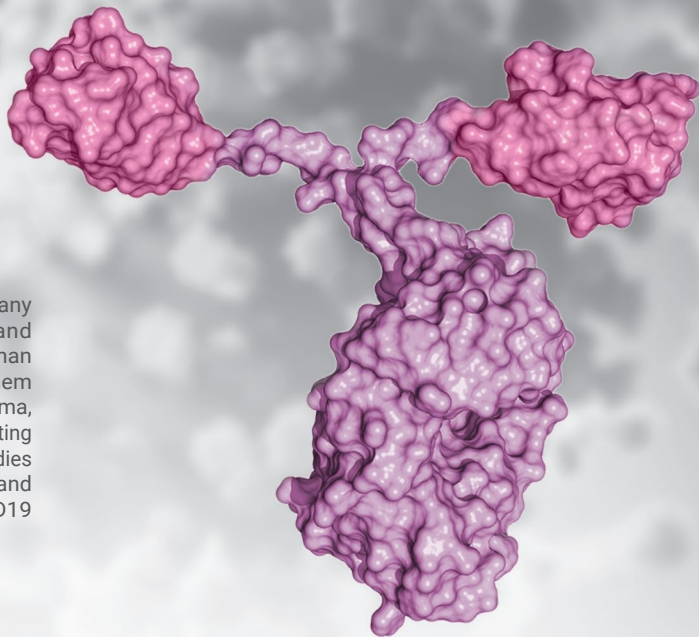


2021
COVID-19
Nanobodies Products

NANOBODIES

Signaling You To The Right Path

SignalChem Biotech Inc. is a Canadian company focused on the research, development, and production of innovative and high-quality human recombinant cell signaling products. SignalChem strives to support scientists in academia, pharma, and biotech companies around the world by creating effective COVID19 proteins, Elisa kits and antibodies to expedite research, antiviral drug discovery and vaccine therapies against the ongoing COVID19 pandemic.



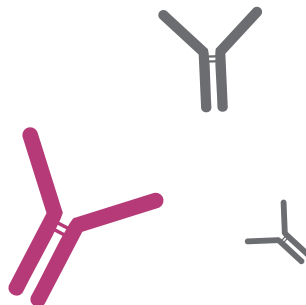


What We Are Good At

Our scientists manufacture active enzymes and novel assays following strict QC/QA standards using our state of the art manufacturing facility.

In House Manufacturing
Superior Quality
Exceptional Team





VHH-IgG

Catalog No: C19S1-641HL

Anti-2019-nCoV Spike Protein Llama heavy-chain Antibody (NBX20010)

Recombinant llama VHH-Human IgG Antibody for studying neutralization of SARS-CoV-2 and detection of 2019-nCoV Spike Protein.



Detects
2019 n-CoV
Spike Protein



Neutralizing activity
validated for wild
type strain



Fully functional
antibody

Target Customers



University researchers
studying SARS-CoV-2
neutralization



Scientists develop-
ing diagnostic
tests



Biotech companies
developing vaccines



VHH

Catalog No: C19S1-652L

Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20038)

Recombinant llama VHH for studying neutralization of SARS-CoV-2 and detection of 2019-nCoV Spike Protein.



Biologically active



Recognizes SARS-CoV-2 S protein



Neutralizing activity validated for wild type RBD

Target Customers



University researchers studying SARS-CoV-2 neutralization



Scientists developing diagnostic tests



Biotech companies developing vaccines

VHH-IgG

Catalog No: C19S1-642HL

Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20038)

Recombinant llama VHH-Human IgG Antibody for studying neutralization of SARS-CoV-2 and detection of 2019-nCoV Spike Protein.



Neutralizing activity validated for N501Y variant



Recognizes SARS-CoV-2 S protein



Neutralizing activity validated for wild type RBD

Applications



Vaccine Research

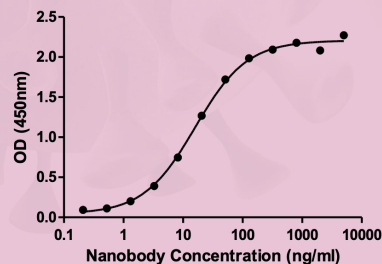


Diagnostic kits R&D

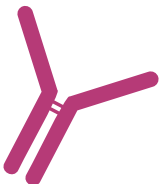
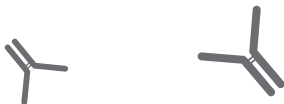


Nanobody based Therapies R&D

Data (Only applicable for VHH-IgG)



Binding ability measured in a functional ELISA. Anti 2019-nCoV Spike Protein Neutralizing Nanobody (C19S1-642HL) binds 2019-nCoV Spike protein RBD.



VHH

Catalog No: C19S1-653L

Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20025)

Recombinant llama VHH for studying neutralization of SARS-CoV-2 and detection of 2019 -nCoV Spike Protein.



Recognizes SARS-CoV-2 S protein



Neutralizing activity validated for wild type RBD



Inhibitory potential validated for wild type RBD

Target Customers



Biopharma developing Anti-SARS-CoV-2 therapies



Government research organizations



Scientists developing diagnostic tests

VHH-IgG

Catalog No: C19S1-643HL

Anti 2019-nCoV Spike Protein Neutralizing Nanobody (NBX20025)

Recombinant llama VHH-Human IgG Antibody for studying neutralization of SARS-CoV-2 and detection of 2019 -nCoV Spike Protein.



Fully functional antibody



Neutralizing activity validated for wild type RBD



Recognizes SARS-CoV-2 S protein

Applications



COVID19 ELISAs

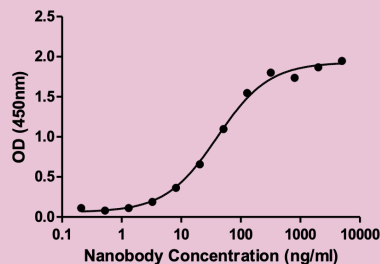


Nanobody based Therapies R&D



COVID19 Protein Arrays

Data (Only applicable for VHH-IgG)



Binding ability measured in a functional ELISA. Anti 2019-nCoV Spike Protein Neutralizing Nanobody (C19S1-643HL) binds 2019-nCoV Spike protein RBD.



VHH

Catalog No: C19S1-654L

Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20014)

Recombinant llama VHH antibody for studying neutralization of SARS-CoV-2 and detection of 2019 -nCoV Spike Protein.



Detects 2019 n-CoV Spike Protein



Neutralizing activity validated for wild type & N501Y variant



Fully functional antibody

Target Customers



Biopharma developing Anti-SARS-CoV-2 therapies



University researchers studying SARS-CoV-2 neutralization



Scientists developing diagnostic tests

VHH-IgG

Catalog No: C19S1-644HL

Anti-2019-nCoV Spike Protein Neutralizing Nanobody (NBX20014)

Recombinant llama VHH-Human IgG Antibody for studying neutralization of SARS-CoV-2 and detection of 2019-nCoV Spike Protein.



Neutralizing activity validated for wild type RBD



Neutralizing activity validated for N501Y variant



Detects 2019 n-CoV Spike Protein

Applications



Nanobody based Therapies R&D

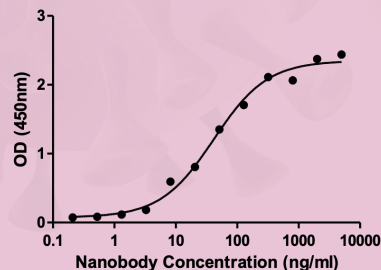


COVID19 Protein Arrays



Vaccine Research

Data (Only applicable for VHH-IgG)



Binding ability measured in a functional ELISA. Anti 2019-nCoV Spike Protein Neutralizing Nanobody (C19S1-644HL) binds 2019-nCoV Spike protein RBD.



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WORKING TOGETHER



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