

COVID-19

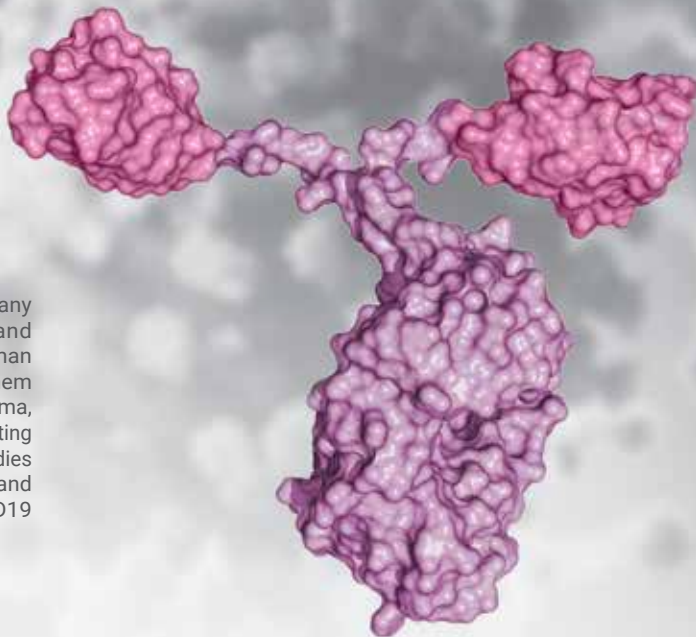
# Nanobodies

Mini-Catalog

# 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.



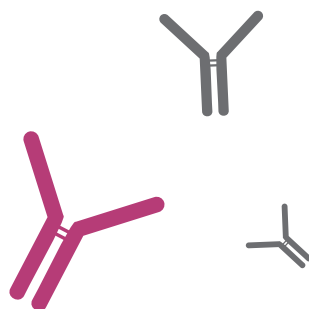


## **What We Are Good At**

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 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

### 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

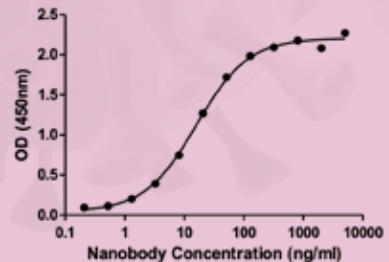


Scientists developing diagnostic tests

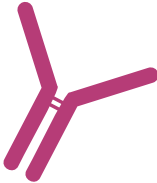


Biotech companies developing vaccines

### 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

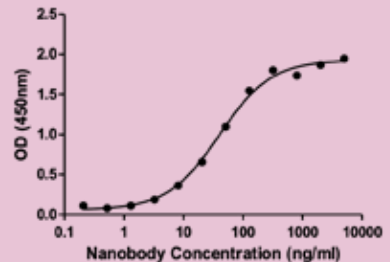


Nanobody based Therapies R&D



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-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

### 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

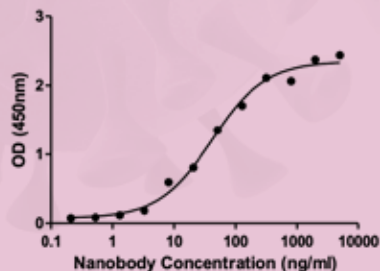


University researchers studying SARS-CoV-2 neutralization



Scientists developing diagnostic tests

### 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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