



IVD Product Catalogue

SARS-Cov-2 Assay Products



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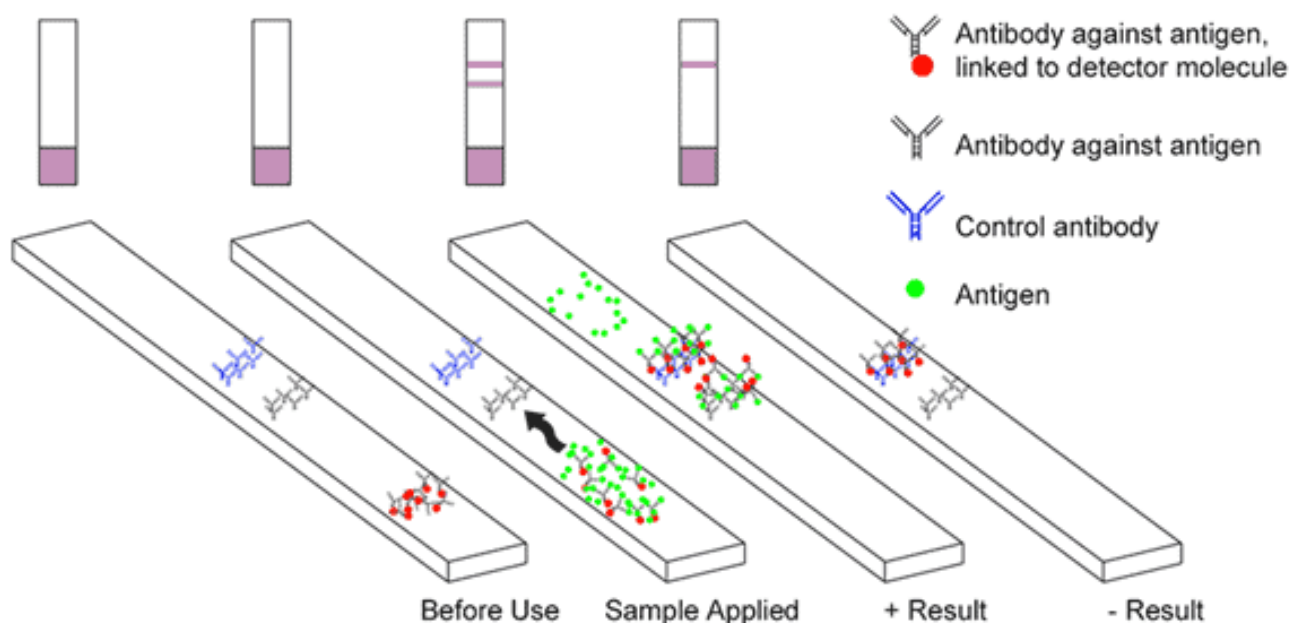
COVID-19 Rapid Antigen Test

AIVD[®] BIOTECH INC.



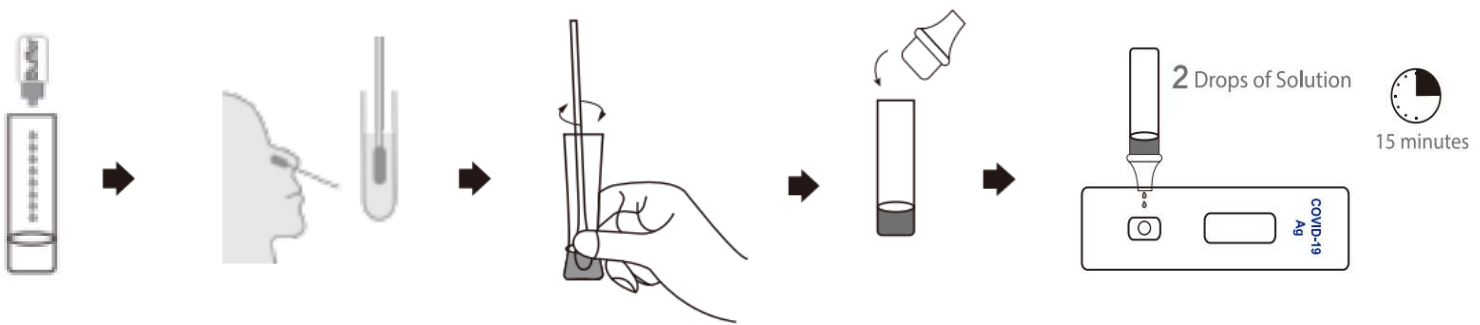
AIVD Biotech's COVID-19 Ag test is a lateral flow immunoassay intended for the qualitative detection of nucleocapsid protein (NP) antigen from SARS-CoV-2 in direct nasal swabs from individuals suspected of COVID-19.

How It Works



SARS-CoV-2 Antigen Rapid Test

Steps



Products Name	Main Features	Intended Use
SARS-CoV-2 Antigen Detection Kit (Latex Lateral Flow Assay)	15-minute rapid detection CE-IVD marked Export White List Nasal (NS) swab collection	For in vitro qualitative detection of COVID-19 in human pharyngeal or nasal secretions samples.

Perform manually. No special instrument required



swab

sample tube

lysate dilute

dropper

test card

SARS-CoV-2 Uncut Sheets

The Uncut Sheets are designed for manufacturing COVID-19 rapid testing products.

The lateral flow immunoassay supported by Uncut Sheets is intended for the qualitative detection of antigen or antibody from individuals suspected of COVID-19.

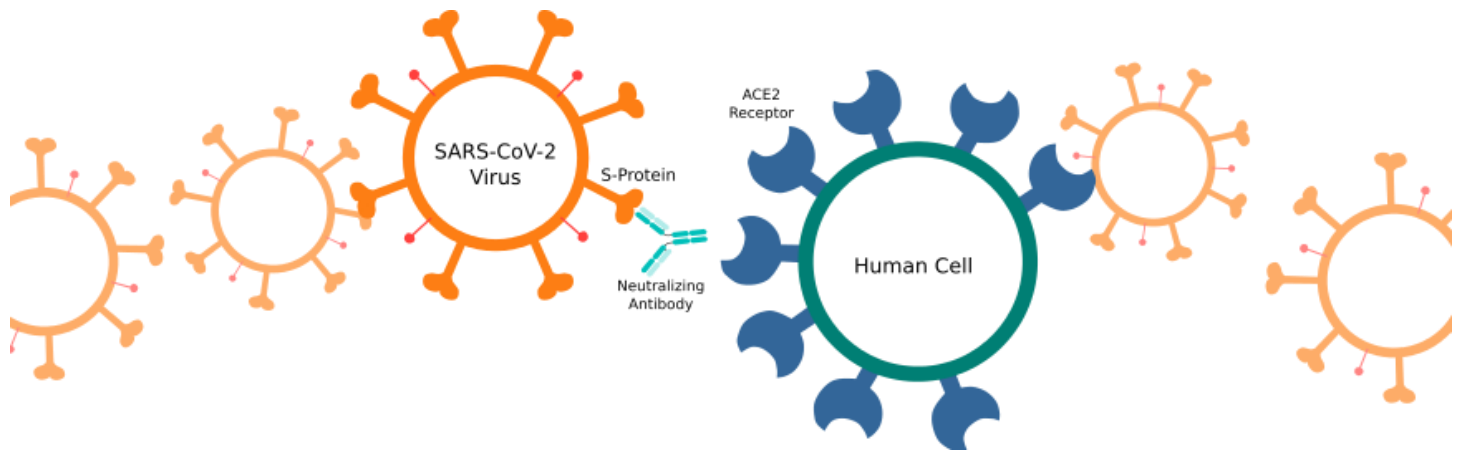


Cat #	Product Name	Platform	Features
USCOV005	SARS-CoV-2 Antigen Rapid Lateral Flow Test	latex bead-based	Sensitivity: 90.7%; Specificity: 97.3%
USCOV201	SARS-CoV-2 IgG/IgM Rapid Lateral Flow Test (colloidal gold-based)	colloidal gold-based	Accuracy: > 90% Specificity: 97%

Neutralization Antibody Detection Kit

Background

SARS-CoV-2 neutralizing antibodies can interfere with viral entry into host cells by blocking viral binding to a cell surface receptor.



Measuring SARS-CoV-2 neutralizing antibodies bind to the RBD and block the virus is crucial to determine novel vaccines and antibody-based therapies effectiveness .

Cat #	Description	Method	Specimen Type
ELK05D	SARS-CoV-2 Neutralizing Antibody Detection ELISA Kit	Competitive ELISA	Serum or plasma

Neutralization Antibody Detection – Raw Material



Cat #	Description	Platform	Usage
AGRBDCH1	SARS-COV-2 Spike RBD Recombinant Protein	Lateral Flow/ELISA/C LIA	Labeling
AGRBDRH1	SARS-COV-2 Spike RBD Recombinant Protein	Lateral Flow/ELISA/C LIA	Labeling
AGCOV121	SARS-COV-2 Spike RBD Recombinant Protein-HRP	ELISA	Labeling
PRACE002	Human ACE2-hFc Recombinant Protein	Lateral Flow/ELISA/C LIA	Coating
CTCOV002	Anti SARS-COV-2 Neutralizing Antibody	Lateral Flow/ELISA	Calibrators

SARS-CoV-2 Antibodies



Antigen-based assays accurate performance requires highly optimized antibodies and assay conditions. AIVD Biotech has tested many of antibody pairs variations to recommend you the best pairs for further R&D.

Cat #	Description	Platform	Usage
ABCOV025	Anti SARS-COV-2 Nucleocapsid(NP) mAb	Lateral Flow/ELISA	Labeling
ABCOV017	Anti SARS-COV-2 Nucleocapsid(NP) mAb	Lateral Flow/ELISA	Coating
ABCOVN01	Anti SARS-COV-2 Nucleocapsid(NP) mAb	Lateral Flow/ELISA	Labeling
ABCOVN02	Anti SARS-COV-2 Nucleocapsid(NP) mAb	Lateral Flow/ELISA	Coating

SARS-CoV-2 Antibodies



Cat #	Description	Platform	Usage
CTCOV001	SARS-CoV-2 Spike RBD IgG Humanized mAb	Lateral Flow/ELISA	Calibrators
CTCOV002	Anti SARS-COV-2 Neutralizing Antibody	Lateral Flow/ELISA	Calibrators
ABCOV015	Anti SARS-COV-2 Spike RBD mAb	Lateral Flow	Coating
ABCOV023	Anti SARS-COV-2 Spike RBD mAb	Lateral Flow	Labeling
ABCOV024	Anti SARS-COV-2 Spike RBD mAb	Lateral Flow	Mouse

SARS-CoV-2 Antigens



AIVD Biotech has developed the highest quality recombinant 2019-nCoV antigens (Nucleocapsid Protein and Spike proteins) for rapid COVID-19 antibody assays to equip healthcare workers for rapid COVID-19 antibody detection.

Cat #	Description	Platform	Usage
AGCOV001	SARS-COV-2 Nucleocapsid Recombinant Protein	Lateral Flow/ELISA/CLIA	Labeling
AGCOV122	SARS-COV-2 Nucleocapsid Recombinant Protein-HRP	ELISA	Labeling
AGRBDCH1	SARS-COV-2 Spike RBD Recombinant Prot	Lateral Flow/ELISA/CLIA	Labeling
AGRBDRH1	SARS-COV-2 Spike RBD Recombinant Protein	Lateral Flow/ELISA/CLIA	Labeling

SARS-CoV-2 Antigens

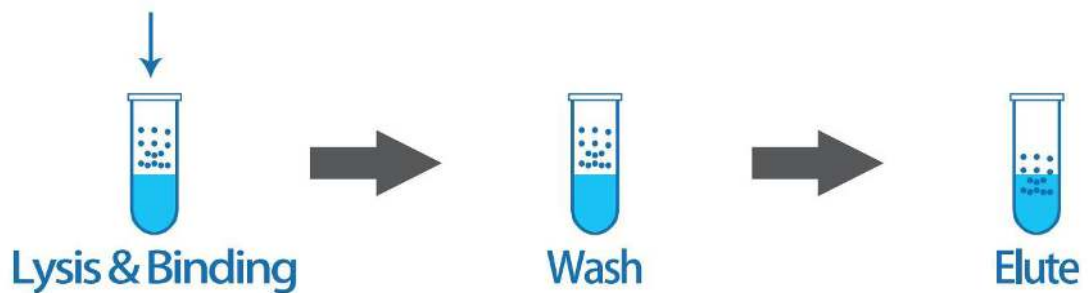


Cat #	Description	Platform	Usage
AGRBDCH2	SARS-COV-2 Spike RBD-mFc Recombinant Protein	Lateral Flow/ELISA	Coating
AGCOV121	SARS-COV-2 Spike RBD Recombinant Protein-HRP	ELISA	Labeling
PRACE002	Human ACE2-hFc Recombinant Protein	Lateral Flow/ELISA/CLIA	Coating
AGCOVS01	SARS-COV-2 S1 Recombinant Protein	Lateral Flow/ELISA/CLIA	Labeling
AGCOVSJ2	SARS-COV-2 S1 Recombinant Protein (high purity)	Lateral Flow/ELISA/CLIA	Labeling

Viral DNA / RNA Extraction Kits



Principle



Cat #	Product Name	Description
DC107	Viral DNA / RNA Extraction Kit	Magnetic bead-based purification
EX32	AIVD-EX96 Automatic nucleic acid extractor	Automatic magnetic bead nucleic acid extractor
EX96	AIVD-EX96 Automatic nucleic acid extractor	Automatic magnetic bead nucleic acid extractor

Nucleic Acid Detection Kits



Cat #	Product Name	Detection Item
KN001	COVID-19 ORF1ab/N gene Triple Nucleic Acid Detection Kit	ORF1ab gene, N gene and endogenous genes GAPDH.
KN002	COVID-19 ORF1ab/N gene Dual Nucleic Acid Detection Kit	ORF1ab gene and N gene.
KN003	COVID-19 ORF1ab/N/E gene Triple Nucleic Acid Detection Kit	ORF1ab gene, N gene and E gene.
KN004	COVID-19 ORF1ab/N/E gene Fourfold Nucleic Acid Detection Kit	ORF1ab gene, N gene , E gene and endogenous genes GAPDH.