

CSA: SARS-CoV-2



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Multiplex analysis of antibodies to SARS-CoV-2.

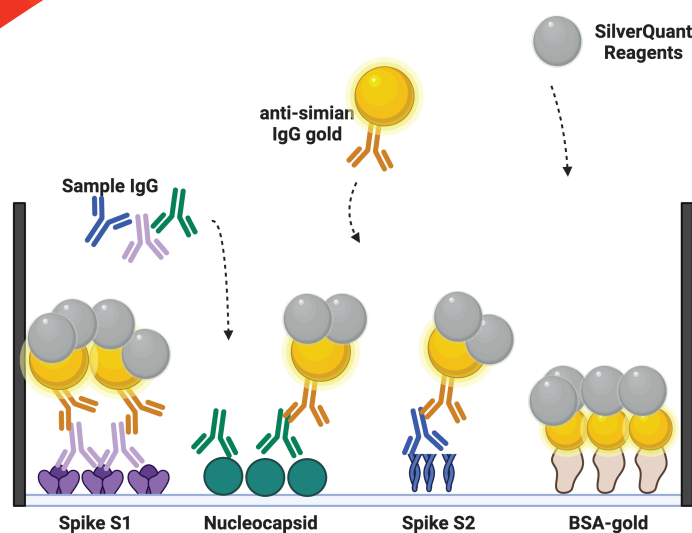
Biomedical research relies on the maintenance of high quality animal research models. Routine monitoring of your specific pathogen-free (SPF) nonhuman primate colony is a crucial component to your laboratory health surveillance program, but can be costly, labor intensive, and technically difficult. Colony Surveillance Assays (CSA) are affordable, fast, and reliable products to use with your colony screening program to identify SARS-CoV-2 naïve animals for studies.

How It Works

CSA Workflow. Diluted samples are incubated with pre-printed antigen plates from the kit. Three SARS-CoV-2 antigens (Spike S1, Spike S2, and Nucleocapsid) bind antibodies in serum from a prior exposure. Unbound serum IgG are washed off, and bound IgG detected with an anti-IgG gold conjugate. Immune complexes are enhanced and visualized with SilverQuant® reagents. Image capture and analysis occurs on the IAN Scanner within minutes.

Confirmatory Western Blots

Proteins from inactivated SARS-CoV-2 viral lysates are run on a reducing gel are transferred to PVDF membranes and blocked. Each kit is processed with the individual SARS-CoV-2 strip, a Negative and Positive control sample, and a Ladder strip. Serum from nonhuman primates can be tested for antibody reactivity to structural proteins and analyzed based on size and intensity of bands. For research use only.



Features and Benefits

Sensitive: Detects antibodies in serum of vaccinated or infected animals

Specific: Three antigens enhance specificity

Reliable: Internal controls and assay controls ensure quality data

Easy: Assay technique is as easy as an ELISA

Flexible: Perform antibody screening or titers to 3 major structural proteins on CSA kits

Confirm: Western blot strips are available for detailed analysis

Compatible: All CSA assays are compatible with the AQ series analyzers or IAN System



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CSA: SARS CoV-2 Kits & Testing Services

Each CSA: SARS-CoV-2 kit includes enough reagents to run up to 94 samples. A Positive and Negative Control are included to ensure proper assay set up. CSA kits are compatible with the AQ 1000 or IAN instruments. Alternately, let us do the work for you! Submit 1 mL of your serum sample to our lab for CSA: SARS-CoV-2 testing via overnight shipping. Western blot strips from inactivated SARS-CoV-2 viral lysate can be used to confirm results.

Part #	Name	Description
12-1225	CSA: SARS-CoV-2 Kit	Screens for presence of IgG in serum to 3 SARS CoV-2 antigens
12-1069	CSA: SARS CoV-2 Serology Service	Screens for presence of IgG in serum to 3 SARS CoV-2 antigens
Please Inquire	SARS CoV-2 Antibody Titer	Determines antibody titer to 3 SARS CoV-2 antigens (S1, S2, Nuc)
Please Inquire	SARS CoV-2 Western Blot	Detects IgG in serum or plasma to native SARS CoV-2 proteins

To order:

For pricing and availability, please email orders@intuitivebio.com or call +1 (608) 826-4240. For questions about CSA: Simian kits or serology testing services, please email info@intuitivebio.com or call +1 (608) 826-4240.