

Colony Surveillance Assays (CSA): Simian

Serological Screening for Improved Colony Health Management

The health of your research animals and pathogen-free colonies are critical to the validity of your studies, as well as protecting your valuable research investment and their human caretakers. Routine monitoring of your specific pathogen-free (SPF) 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 and is a noninvasive test procedure that can be used while animals are on study.

Agents Tested

Agent	Virus Name	Panel A	Panel E	TB	Custom
SRV 1-5	Simian retrovirus	●	●		●
STLV	Simian T-lymphotrophic virus	●	●		●
SIV	Simian immunodeficiency virus	●	●		●
Measles	Rubeola, paramyxovirus	●	●		●
B virus	Macacine herpesvirus 1	●	●		●
TB	Mycobacterium tuberculosis			●	
LCV	Lymphocryptovirus		●		●
SFV	Simian foamy virus		●		●
CMV	Cytomegalovirus		●		●
RRV	Rhesus rhadinovirus		●		●

Key Benefits

Rapid: Screen samples for exposure to 9 viral diseases in about 2 hours

Affordable: Significant cost savings over outsourced testings

Small sample volumes: Uses 5 µl of serum per assay

Reliable: Highly sensitive and specific assay validated by several National Primate Research Centers

Easy: Assay technique as easy as an ELISA

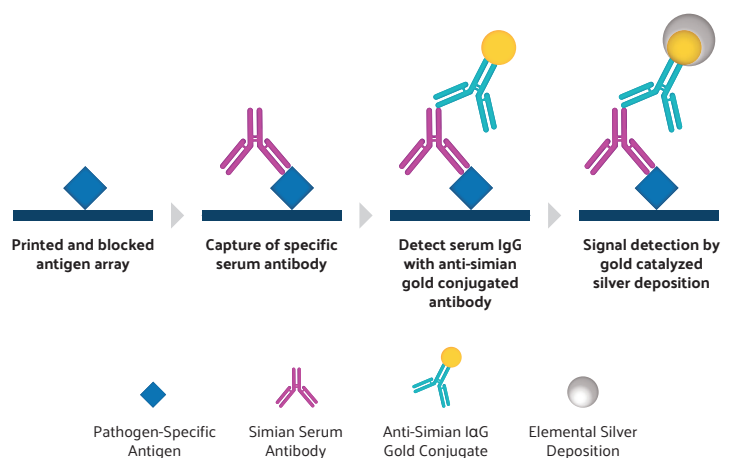
Affordable Analyzer: All AIM assays are compatible with the AQ series analyzers, a low-cost and rapid scanning system

How It Works

One sample, multiple results.

Basic Assay Design with AIM for CSA. Diluted samples are incubated with arrayed plates with one sample per well. Unbound serum IgG are washed off, and bound IgG detected with an anti-IgG gold conjugate. Immune complexes are visualized with the SilverQuant reagents.

CSA: Simian kits provide sensitive and reliable screening tools for your SPF animals. The CSA method identifies animals that have been previously exposed to an infectious agent by detecting specific serum antibodies to viral antigens. Results are quantified with the AQ 1000 instrument within minutes.



CSA: Simian Kits

Each CSA kit comes with a 96-well assay plates, containing the multiplex antigen arrays. Also included are all buffers and reagents required to run up to 94 samples per kit, including positive and negative control serum. Completed assays are scanned and analyzed on the AQ 1000 reader. A complete report is generated, providing a customized report compatible with most Laboratory Information Systems (LIMs).

Part No.	Product Name	Description
12-1212	CSA: Simian Panel A Kit	Tests up to 92 samples per kit for SRV, STLV, SIV, herpes B virus, and measles.
12-1213	CSA: Simian Panel E Kit	Tests up to 92 samples per kit for SRV, STLV, SIV, herpes B virus, measles, CMV, LCV, RRV, and SFV.
12-1215	CSA: Simian TB Kit	Tests up to 92 samples per kit for M. tuberculosis.
Custom	Custom CSA Kit	Tests up to 92 samples per kit for a custom antigen panel.

All CSA: Simian kits are compatible with the AQ 1000 reader. Analysis template and customized reports are provided with any instrument purchase. For more information about the AQ 1000 scanner, please visit <http://intuitivebio.com/item/aq-1000/>

CSA: Simian Serology Services

Serum samples shipped frozen or cold overnight can be tested upon arrival. Sample Requisition Forms need to be completed prior to shipping. Please call or email for pricing for sample testing service. Volume discounts are available. Requisition forms and shipping instructions can be downloaded from our website at <https://goo.gl/Ny23aq> or by scanning the QR code.



Part No.	Product Name	Description
12-1060	CSA: Simian Panel A	Serology testing services for SRV, STLV, SIV, herpes B virus, and measles.
12-1062	CSA: Simian Panel E	Serology testing services for SRV, STLV, SIV, herpes B virus, measles, CMV, LCV, RRV, and SFV.
12-1215	CSA: Simian TB	Serology testing services for M. tuberculosis.
Custom	Custom CSA Serology	Serology testing services for a custom antigen panel.

TO ORDER

Please email orders@intuitivebio.com for pricing and availability, or call +1 (608) 561-8730. For questions about the CSA: Simian kits or serology testing services, please email info@intuitivebio.com or call +1 (608) 561-8730 and ask to speak with Dr. Kimberly Luke.