

# BV-BRC Test Report

## S13. Serology Search

<b>Item to test</b>	<b>Serology Search</b>
<b>URL</b>	<a href="https://www.bv-brc.org/searches/SerologySearch">https://www.bv-brc.org/searches/SerologySearch</a>
<b>Prerequisites</b>	None
<b>References</b>	<a href="https://www.bv-brc.org/docs/quick_references/searches_menu.html">https://www.bv-brc.org/docs/quick_references/searches_menu.html</a> <a href="https://www.bv-brc.org/docs/quick_references/organisms_taxon/serology_data.html">https://www.bv-brc.org/docs/quick_references/organisms_taxon/serology_data.html</a>
<b>Tester(s)</b>	Zach Wallace, Ron Kenyon
<b>Test date</b>	10-Feb-2022 (original – passed), 7-May-2022 (follow-up - passed)
<b>Test Result</b>	<b>Passed</b>

### Overview

- Test the Serology Search using representative search criteria.
- Test using example Test Type and Host Type.
- Test using example Host Species and Geographic Group.
- Inspect search results to verify that they match search criteria.

### Test Results

- Test results were verified by examination of returned data via inspection and filters.
- All searches returned expected data, with results matching search criteria.

## Keyword and Other Search Criteria

Test Type: Influenza A Virus

Host Type: Human

Advanced Search

### Serology Search

Search for serology data for select viral families using generic keywords, test type, test result, host, country, or collection year. For further explanation, please see the [Advanced Search Quick Reference Guide](#).

<b>Keyword</b>
<input type="text" value="Search term"/>
<b>Test Type</b>
<input type="text" value="Influenza A virus"/>
<b>Test Result</b>
<input type="text" value="e.g. Positive"/>
<b>Serotype</b>
<input type="text" value="e.g. H1N1"/>
<b>Host Type</b>
<input type="text" value="Human"/>
<b>Host Common Name</b>
<input type="text" value="e.g. Chicken"/>
<b>Host Species</b>
<input type="text" value="e.g. Gallus sp."/>
<b>Geographic Group</b>
<input type="text" value="e.g. Asia"/>
<b>Collection Country</b>
<input type="text" value="e.g. China"/>
<b>Collection Year</b>
FROM <input type="text" value="YYYY"/> TO <input type="text" value="YYYY"/>
<b>Collection Date</b>
FROM <input type="text" value="YYYY"/> TO <input type="text" value="YYYY"/>
<b>Additional</b>
<input type="text" value="project identifier"/> <input type="text" value=""/>

Result:

Serology



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KEYWORDS



ADV Search



HIDE

Host Type	Host Species	Host Common Name	Collection Country	Collection State	Collection Year	Test Type	Test Result
Human (373)	Homo Sapiens (373)	Human (373)	Taiwan (Province Of China) (84) USA (289)	Arizona (1) California (2) Colorado (2) Delaware (3) Florida (4) Hawaii (1)	2009 (122) 2010 (79)	Influenza A virus (373)	Negative (36) Not Tested (17) Positive (165)

<input type="checkbox"/>	Sample Identifier	Host Identifier	Host Type	Host Species	Host Common Name	Host Sex	Host Age	Host Age Group	Host Health	Collection Date	Test Type	Test Result	Serotype
<input type="checkbox"/>	01-21-A-0299-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0046-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-23-A-0023-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-23-A-0053-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0060-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0306-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0083-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0303-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-23-A-0023-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0095-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0347-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0047-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0320-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0050-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-22-A-0047-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-22-A-0070-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-22-A-0070-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0033-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0032-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0319-S	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0322-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0039-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Male					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0335-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-21-A-0297-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	
<input type="checkbox"/>	01-22-A-0047-SE	JHU100:JHU:01-	Human	Homo Sapiens	Human	Female					Influenza A virus	Not Tested	

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Host Species: Sus Scrofa  
 Geographic Group: Asia

Result:

CBV-BRC BETA ORGANISMS SEARCHES TOOLS & SERVICES WORKSPACES HELP All Data Types Find a gene, genome, microarray, etc

Serology List View  
 SEROLOGY: HOST SPECIES IS Sus scrofa AND GEOGRAPHIC GROUP IS Asia (4070 Serology)

Serology

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Host Type	Host Species	Host Common Name	Collection Country	Collection State	Collection Year	Test Type
Nonhuman Mammal (4070)	Sus scrofa (600) Sus scrofa domestica (3470)	Pig (4070)	China (218) Sri Lanka (2296) Thailand (1556)	Chachoengsao (214) Chiang Mai (25) Chon Buri (382) Guangxi (218) Kamphaeng Phet (2) Kanchanaburi (10)	2009 (2) 2010 (536) 2011 (133) 2012 (1276) 2013 (1752) 2014 (371)	Influenza A virus (4070)

Sample Identifier	Host Identifier	Host Type	Host Species	Host Common Name	Host Sex	Host Age	Host Age Group	Host Health	Collection Date	Test Type	Test Result	Serotype
<input type="checkbox"/>	NIH130901-1362	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Weanling	Sick	2013-09-01T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S-141212107-SF	ATL102:ATL:S-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Undetermined	2014-12-12T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	S6240	SJC005:SJC:N-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2012-12-19T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S5688	SJC005:SJC:N-5	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2012-08-04T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	CV4_5/1S	UMN028:UMN:C	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2011-01-27T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	SA_4/5S	UMN028:UMN:S	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2010-07-15T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S-141202082-SF	ATL102:ATL:S-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Undetermined	2014-02-12T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	CG_3034S	UMN028:UMN:C	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2011-02-21T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S6706	SJC005:SJC:N-3	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2013-04-05T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S6507	SJC005:SJC:N-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2013-02-19T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	NIH130216-S35	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Juvenile	Sick	2013-02-16T00:00:00	Influenza A virus	Positive	HxNx,swH1N1
<input type="checkbox"/>	NIH121029-S35	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Juvenile	Sick	2012-10-29T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	NIH120810-S34	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Juvenile	Sick	2012-08-10T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	DP_5/1S	UMN028:UMN:D	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2010-12-02T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	NIH130901-1364	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig	Female	Adult	Sick	2013-09-01T00:00:00	Influenza A virus	Positive	pH1N1,HxNx,sv
<input type="checkbox"/>	RA_847S	UMN028:UMN:R	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2010-09-22T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	DP_P5/6S	UMN028:UMN:D	Nonhuman Mam	Sus scrofa	Pig		Weanling	Healthy	2010-12-23T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	PL_18/1S	UMN028:UMN:P	Nonhuman Mam	Sus scrofa	Pig		Juvenile	Healthy	2010-11-25T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	S-141212075-SF	ATL102:ATL:S-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Undetermined	2014-12-12T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	NIH131209-1414	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Weanling	Sick	2013-12-09T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	NIH120705-S34	UMN028:UMN:Y	Nonhuman Mam	Sus scrofa dome	Pig		Weanling	Sick	2012-07-05T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S6997	SJC005:SJC:N-6	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2013-06-20T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S-141202066-SF	ATL102:ATL:S-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Undetermined	2014-02-12T00:00:00	Influenza A virus	Positive	H1N1
<input type="checkbox"/>	S6215	SJC005:SJC:N-1	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2012-12-18T00:00:00	Influenza A virus	Negative	
<input type="checkbox"/>	S7307	SJC005:SJC:SR	Nonhuman Mam	Sus scrofa dome	Pig		Adult	Healthy	2013-10-11T00:00:00	Influenza A virus	Negative	

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