

## Breaking News!

### Pandemic Influenza Strain Antibodies and Peptides now available at Meridian Life Science, Inc.

**Meridian Life Science, Inc. (MLS)** is proud to introduce a series of rabbit polyclonal antibodies to swine flu!

- Rabbit antibodies specific to peptides from swine-origin Influenza A/California/14/2009 (H1N1).
- **Do not cross-react** with the corresponding peptides of seasonal Influenza A H1N1.

MLS has also released:

- Rabbit antibodies specific to peptides from seasonal strains of Influenza A H1N1. (Influenza A/Brisbane/59/2007 (H1N1) and Influenza A/Georgia/20/2006 (H1N1))
- **Do not cross-react** with peptides of swine-origin Influenza A/California/14/2009 (H1N1)).

Influenza A (Swine H1N1) Hemagglutinin (A/California/14/2009)						
<b>Format:</b> Aff.Pur.	<b>Host/Source:</b> Rabbit	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b> EIA	<b>Unit:</b> 100ug	<b>Catalog:</b> <a href="#">B01419R</a>
Influenza A (Swine H1N1) Hemagglutinin (A/California/14/2009)						
<b>Format:</b> Aff.Pur.	<b>Host/Source:</b> Rabbit	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b> EIA	<b>Unit:</b> 100ug	<b>Catalog:</b> <a href="#">B01420R</a>
Influenza A (Swine H1N1) Neuraminidase (A/California/14/2009)						
<b>Format:</b> Aff.Pur.	<b>Host/Source:</b> Rabbit	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b> EIA	<b>Unit:</b> 100ug	<b>Catalog:</b> <a href="#">B01421R</a>
Influenza A (virions) H1N1						
<b>Format:</b> Biotin	<b>Host/Source:</b> Goat	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b>	<b>Unit:</b> 1ml	<b>Catalog:</b> <a href="#">B65241G</a>
Influenza A (virions) H1N1						
<b>Format:</b> HRP	<b>Host/Source:</b> Goat	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b>	<b>Unit:</b> 1ml	<b>Catalog:</b> <a href="#">B65243G</a>
Influenza A (virions) H1N1						
<b>Format:</b> FITC	<b>Host/Source:</b> Goat	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b>	<b>Unit:</b> 1ml	<b>Catalog:</b> <a href="#">B65242G</a>
Influenza A H1N1 (Virions)						
<b>Format:</b> Purified	<b>Host/Source:</b> Goat	<b>Isotype:</b> N/A	<b>Clone:</b> N/A	<b>Tested Apps:</b> IFA, IHC	<b>Unit:</b> 1ml	<b>Catalog:</b> <a href="#">B65141G</a>

The above cross reactivity studies were done using the strain specific peptides. Applications for the detection of Influenza strains from patient samples have not been tested.

To develop these antibodies, amino acid regions were identified on the swine-origin Influenza A/California/14/2009 (H1N1) that were different on the seasonal Influenza A/Brisbane/59/2007 (H1N1) and the seasonal Influenza A/Georgia/20/2006 (H1N1). Synthetic peptides were prepared from these sequences and used to immunize the rabbits. The difference between antibodies with similar specificities (i.e. Catalog #B01419R and #B01420R) is that the antibodies recognize different amino acid sequences.

In addition to having the antibodies available, we also offer the matching peptides:

<b>Antibody Catalog #</b>	<b>Matching Peptide Catalog #</b>	<b>Specificity</b>
<a href="#">B01419R</a>	<a href="#">R01419</a>	Recognizes the hemagglutinin peptide from the H1N1 <b>swine-origin</b> Influenza A/California/14/2009
<a href="#">B01420R</a>	<a href="#">R01420</a>	Recognizes the hemagglutinin peptide from the H1N1 <b>swine-origin</b> Influenza A/California/14/2009
<a href="#">B01421R</a>	<a href="#">R01421</a>	Recognizes the neuraminidase peptide from the H1N1 <b>swine-origin</b> Influenza A/California/14/2009
<a href="#">B01423R</a>	<a href="#">R01423</a>	Recognizes the hemagglutinin peptide from the H1N1 <b>seasonal</b> Influenza A/Brisbane/59/2007
<a href="#">B01424R</a>	<a href="#">R01424</a>	Recognizes the hemagglutinin peptide from the H1N1 <b>seasonal</b> Influenza A/Brisbane/59/2007
<a href="#">B01425R</a>	<a href="#">R01425</a>	Recognizes the hemagglutinin peptide from the H1N1 <b>seasonal</b> Influenza A/Brisbane/59/2007
<a href="#">B01426R</a>	<a href="#">R01426</a>	Recognizes the neuraminidase peptide from the H1N1 <b>seasonal</b> Influenza A/Georgia/20/2006
<a href="#">B01427R</a>	<a href="#">R01427</a>	Recognizes the neuraminidase peptide from the H1N1 <b>swine-origin</b> Influenza A/California/14/2009 and the <b>seasonal</b> Influenza A/Georgia/20/2006 (H1N1)

Each antibody and peptide is available separately or you may purchase a set of 6 antibodies with matching peptides (Catalog #[B01428R](#)).

For more information, please contact:



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