RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross,GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Rabbit Anti-Inf A N1 (Swine)

Catalog No.	**Isotype:**
127-10037	N/A

Description: Rabbit anti Inf A N1 (Swine)
Rabbit Antibody to Influenza A (Swine H1N1) Neuraminidase (A/California/14/2009)

Specificity: Recognizes the neuraminidase peptide from the swine-origin Influenza A/California/14/2009 (H1N1) .
Does not cross-react with the corresponding peptide from seasonal Influenza A/Georgia/20/2006 (H1N1)

Host Animal: Rabbit

Immunogen: Synthetic peptide corresponding to the neuraminidase protein of swine-origin Influenza A/California/14/2009 (H1N1) (Genbank accession no. ACQ76308)

Format: Affinity Purified, Liquid

Purification: Immunoaffinity chromatography

Concentration: 1mg/ml

Buffer: PBS

Preservative: 0.02% Sodium azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

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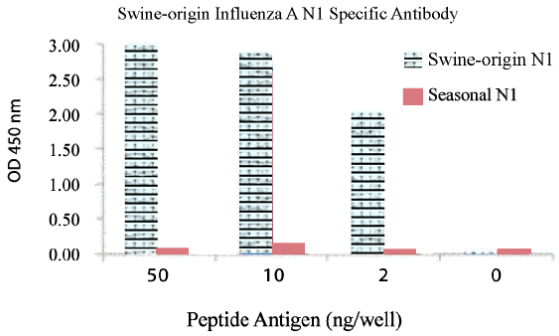

ELISA results using Catalog 127-10037 at 1ug/ml and the blocking corresponding peptides at 50, 10, 2 and 0ng.

Storage: Store (up to 1 year) at 2-8ºC.

References: The references listed below are for research purposes only.

1. Thompson, W.W., et al., (2003), "Mortality associated with influenza and respiratory syncytial virus in the United States," JAMA, 289:179-186
2. Dawood, F.S., et al., (2009), "Novel Swine-Origin Influenza A (H1N1) Virus Investigation Team, Emergence of a novel swine-origin influenza A (H1N1) virus in humans," N. Engl. J. Med., 360: 2605-2615
3. Butler D., (2009), "Swine flu goes global," Nature, 458:1082-1083
4. Morens, D.M., et al., (2009), "The Persistent Legacy of the 1918 Influenza Virus," N. Engl. J. Med., June 29
5. Garten R.J., et al., (2009), "Antigenic and Genetic Characteristics of Swine-Origin 2009 A (H1N1) Influenza Viruses Circulating in Humans," Science, May 22