



Fitzgerald

www.fitzgerald-fii.com

Influenza A & B Products



Fitzgerald Industries International is a world leader in the supply of infectious disease related products to the diagnostic manufacturing industry. Our influenza product line has been in existence for 25 years and continues to grow as new influenza strains are identified, amounting to over 150 antibodies and proteins in our catalog today. As the influenza virus adapts and mutates bringing with it more aggressive and dangerous forms, we constantly strive to bring our customers the newest and most potent antibodies and proteins for development of new diagnostic tests.

Influenza A & B Viruses

Influenza, commonly known as “the flu”, is an infectious disease of birds and mammals caused by RNA viruses of the family. Orthomyxoviridae, the influenza viruses., namely influenza A and B. The most common symptoms are chills, fever, runny nose, sore throat, muscle pains, headache (often severe), coughing, weakness/fatigue and general discomfort.

Influenza A viruses are capable of infecting animals, although it is more common for people to suffer the ailments associated with this type of flu. Wild birds commonly act as the hosts for this flu virus. Type A flu virus is constantly changing and is generally responsible for the large flu epidemics. Unlike A, Influenza B flu is found only in humans. Type B flu may cause a less severe reaction than type A flu virus, but can be extremely harmful in some incidences.

Influenza spreads around the world in seasonal epidemics, resulting in 3-5 million cases of severe illness and 250,000 to 500,000 deaths annually, rising to millions in pandemic years. One of the most recent pandemics occurred in April 2009, where a novel flu strain evolved that combined genes from human, pig, and bird flu. Initially dubbed “swine flu” and also known as influenza A/H1N1, it emerged in Mexico, the United States, and several other nations.

Influenza Products

Fitzgerald lists a large number of influenza antibodies and proteins which can be used in numerous applications, and we have a comprehensive list of native highly purified influenza proteins which can be used as controls and as binding partners to many of our antibodies. We list over 120 monoclonal and polyclonal influenza antibodies, and offer a comprehensive range of validated antibody pairs for development of diagnostic assays, in formats such as ELISA and lateral flow.

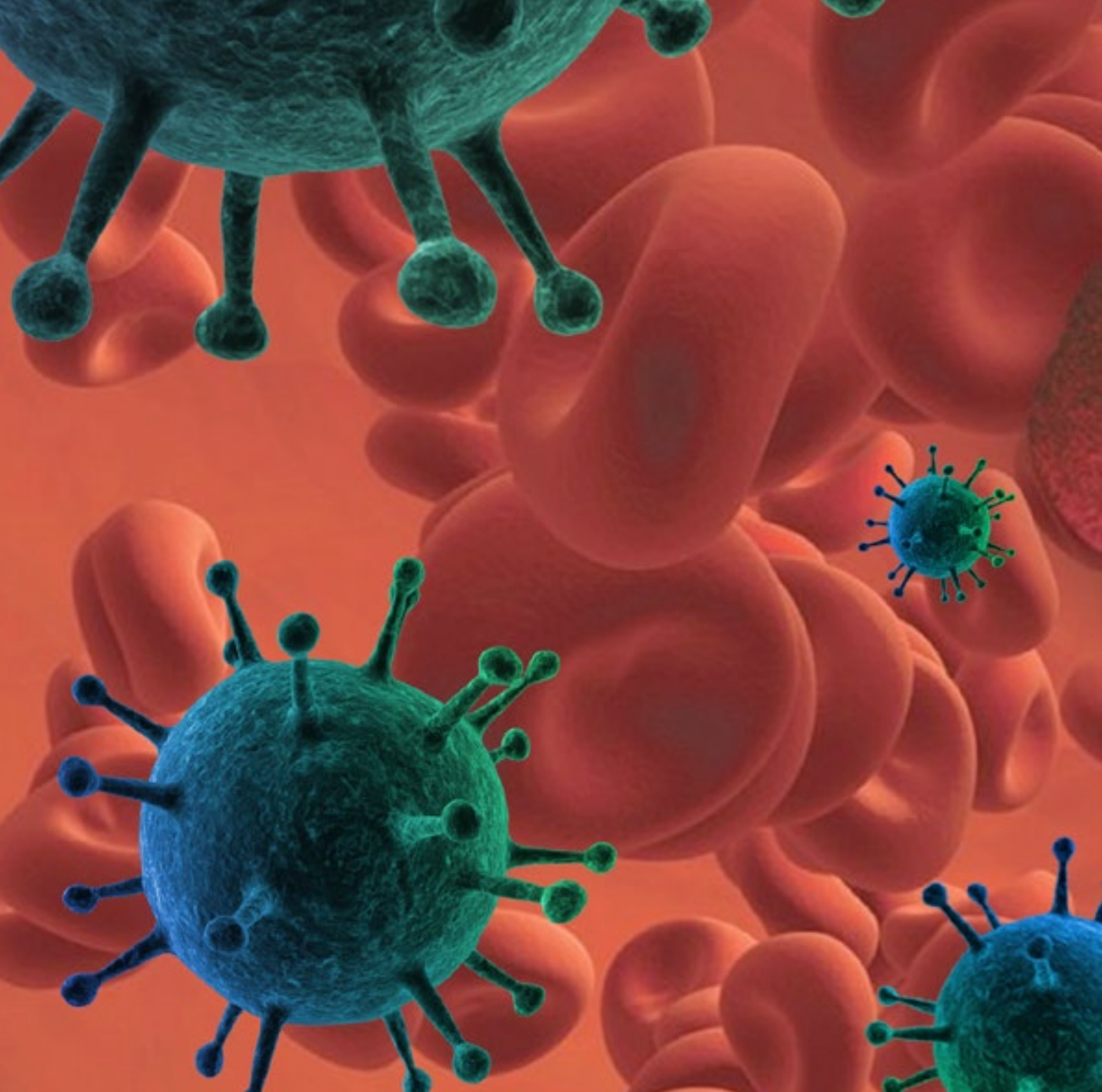
Native Proteins

Cat. No.	Name	Size	Applications
30R-AI038	Influenza A H1N1 protein	1 mg	User optimized
30R-AI038	Influenza A H1N1 protein	100 ug	User optimized
30R-AI039	Influenza A H1N1 protein (Beijing)	1 mg	User optimized
30R-AI040	Influenza A H1N1 protein (New Caledonia)	1 mg	User optimized
30R-AI041	Influenza A H3N2 protein	1 mg	User optimized
30R-AI042	Influenza A H3N2 protein (Kiev)	1 mg	User optimized
30R-AI104	Influenza A H3N2 protein (Panama)	1 mg	User optimized
30-1306	Influenza A protein	1 mg	ELISA, Immunoassays, WB
30-1305	Influenza A protein	1 mg	ELISA, Immunoassays, WB
30-1304	Influenza A protein	1 mg	ELISA, Immunoassays, WB
30-1303	Influenza A protein	1 mg	ELISA, Immunoassays, WB
30-AI50	Influenza A protein	1 ml	User optimized
30-1307	Influenza B protein	1 mg	ELISA, Immunoassays, WB
30-AI75	Influenza B protein	1 ml	User optimized
30R-AI103	Influenza B protein (Tokio)	1 mg	User optimized

Influenza A & B Matched Antibody Pairs

Pair	Capture mAb	Detection mAb	Comments
Influenza A pair	10-I50A	10-I50H	Recognizes nucleoprotein, suitable for ELISA and IFA
Influenza A pair	10-I50H	10-I50G	Recognizes nucleoprotein, suitable for ELISA and IFA
Influenza A pair	10-I50H	10-I50I	Recognizes nucleoprotein, suitable for ELISA and IFA
Influenza A pair	10-I50M	10-I50P	Nucleoprotein specific, excellent for Latex Immunochromatography
Influenza A pair	10-I50N	10-I50L	Nucleoprotein specific, excellent for Gold Immunochromatography
Influenza A pair	10-I50O	10-I50P	Nucleoprotein specific, excellent for Gold Immunochromatography
Influenza A pair	10-I50O	10-I50M	Nucleoprotein specific, suitable pair for ELISA
Influenza A pair	10-I50O	10-I50N	Nucleoprotein specific, suitable pair for ELISA
Influenza A pair	10-I50O	10-I50S	Nucleoprotein specific, suitable pair for ELISA
Influenza A pair	10-7866	10-7867	Nucleoprotein specific, use in sandwich immunoassay
Influenza A pair	10-1100	10-1097	Nucleoprotein specific, for use in ELISA & WB
Influenza A pair	10-1101	10-1097	Nucleoprotein specific, for use in ELISA & WB
Influenza A pair	10-1099	10-1097	Nucleoprotein specific, for use in ELISA & WB
Influenza A pair	10-1103	10-1102	Nucleoprotein specific, suitable for Immunochromatography
Influenza A pair	10-7839	10-7840	Haemagglutinin H1 specific, use in sandwich immunoassay
Influenza A pair	10-7854	10-7855	Haemagglutinin H1 specific, use in sandwich immunoassay
Influenza A pair	10-7854	10-7856	Haemagglutinin H1 specific, use in sandwich immunoassay
Influenza A pair*	10-I50A	10-I50A	Recognizes nucleoprotein, suitable for IFA, IHC & ELISA
Influenza B pair	10-I55E	10-I55B	Recognizes nucleoprotein. Suitable for lateral flow
Influenza B pair	10-I55F	10-I55B	Recognizes nucleoprotein. Suitable for lateral flow
Influenza B pair	10-I55D	10-I55B	Recognizes nucleoprotein. Suitable for lateral flow
Influenza B pair	10-I55Q	10-I55P	Nucleoprotein specific, excellent pair for ELISA
Influenza B pair	10-I55O	10-I55P	Nucleoprotein specific, excellent pair for ELISA
Influenza B pair	10-I55M	10-I55P	Nucleoprotein specific, excellent pair for ELISA
Influenza B pair	10-I55T	10-I55Q	Nucleoprotein specific, excellent for Latex Immunochromatography
Influenza B pair	10-I55Q	10-I55M	Nucleoprotein specific, excellent for Latex Immunochromatography
Influenza B pair	10-I55M	10-I55O	Nucleoprotein specific, excellent for Gold Immunochromatography
Influenza B pair	10-I55T	10-I55P	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55O	10-I55S	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55Q	10-I55T	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55Q	10-I55U	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55Q	10-I55S	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55U	10-I55M	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-I55U	10-I55P	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-7862	10-7863	Nucleoprotein specific, use in sandwich immunoassay
Influenza B pair	10-7864	10-7865	Nucleoprotein specific, use in sandwich immunoassay
Influenza B pair	10-1106	10-1104	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1108	10-1104	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1109	10-1104	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1110	10-1104	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1106	10-1105	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1108	10-1105	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1110	10-1105	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair	10-1111	10-1105	Nucleoprotein specific, suitable for Immunochromatography
Influenza B pair	10-1107	10-1106	Nucleoprotein specific, suitable for Immunochromatography
Influenza B pair	10-1112	10-1111	Nucleoprotein specific, suitable pair for ELISA
Influenza B pair*	10-I55B	10-I55B	Recognizes nucleoprotein. Suitable for lateral flow

* Self pair



Fitzgerald

Website	www.fitzgerald-fii.com
E-mail	antibodies@fitzgerald-fii.com
Toll Free (USA)	800.370.2222
Tel	978.371.6446
Fax	978.371.2266

scan code for more info

